



ATL ENGINEERING, P.C.

September 23, 2013

United States Environmental Protection Agency
Region 2 Office, Regional Administrator
290 Broadway
New York, New York 10007-1866

Attn: Ms. Judith A. Enck
Regional Administrator

Re: Response to Comments
Notification of Self-Implementing Cleanup and Disposal of PCB Remediation Waste
Institute of Technology at Syracuse Central
258 East Adams Street
Syracuse, New York

Ladies/Gentlemen:

ATL Engineering, P.C. (ATL Engineering) has received correspondence from the United States Environmental Protection Agency (USEPA), dated August 7, 2013, and signed by Mr. John Gorman. This correspondence included comments regarding information submitted for the Notification of Self-Implementing Cleanup and Disposal of PCB Remediation Waste for the referenced site, specifically ATL Engineering's Remedial Action Work Plan report (ATL Report No. AE094CE-03-07-13, dated July 15, 2013). The following is a summary of the comments that were provided by the USEPA and a description of the actions to address these comments.

1. Since the Certified Environmental Services, Inc. (CES) sample results are based on composites of six grab samples, the soil segments targeted for off-site disposal at levels >50ppm must be expanded beyond what was presented to also include composite results at over 8.33 ppm (adjusted regulatory level for a composite, or in this case 50 ppm divided by six). This would encompass the addition of zones B-1, B-2, A-3, B-4, A-5, B-5, B-6, and B-7 to the zones to be managed for off-site disposal as containing >50ppm. Alternatively you could provide discrete sample results that may justify some disposal at <50 ppm.

Additional sampling was performed in the referenced cells (B-1, B-2, A-3, B-4, A-5, B-5, B-6, and B-7) by collecting grab samples at 4 locations within each cell. Soil samples were collected by ATL Engineering on August 26, 2013, at each of the selected grab locations, utilizing a trowel and dedicated, disposable aluminum pan. The trowel, being the only equipment in contact with soil at multiple sampling locations, was decontaminated between each location. The grab soil samples were collected by initially removing the vegetative layer and then retrieving the underlying soil material to a depth of approximately 6 inches, consistent with the sample depth intervals previously selected by CES and the reported depth of topsoil placement. The recovered soil was placed in a dedicated, disposable aluminum pan for mixing. Portions of the mixed soil were placed in clean laboratory glassware, with Teflon-lined lids, in accordance with industry standard protocol. Samples were stored in a cooler, with ice, and maintained at approximately 4 °C during storage and delivery to the laboratory.

The soil samples collected by ATL Engineering were submitted to Pace Analytical Services, Inc., located in Schenectady, New York, a NYSDOH ELAP approved laboratory (ELAP No. 11078). The samples were extracted by Accelerated Solvent Extraction (ASE), in accordance with EPA Method 3545, and laboratory analyzed for PCB, in accordance with method EPA Method 8082. Approximate sample locations are shown on the Supplemental Sample Location Plan in Attachment A. A copy of the laboratory report and associated sample custody documentation for the referenced samples are contained in Attachment B. A summary of the laboratory results is provided in the table below.

Sample Identification	Sample Type	Sample Zone	Total PCB Detected (ppm)
AE094S-IT13-08-26-13	Grab	B-7	38.5
AE094S-IT14-08-26-13	Grab	B-7	28.4
AE094S-IT15-08-26-13	Grab	B-7	93.4
AE094S-IT16-08-26-13	Grab	B-7	55.0
AE094S-IT17-08-26-13	Grab	B-6	82.7
AE094S-IT18-08-26-13	Grab	B-6	66.3
AE094S-IT19-08-26-13	Grab	B-6	77.7
AE094S-ITFB1-08-26-13	Grab	B-6	118
AE094S-IT20-08-26-13	Grab	B-6	106
AE094S-IT21-08-26-13	Grab	B-5	21.1
AE094S-IT22-08-26-13	Grab	B-5	0.507
AE094S-IT23-08-26-13	Grab	B-5	8.83
AE094S-IT24-08-26-13	Grab	B-5	9.26
AE094S-IT25-08-26-13	Grab	A-5	141
AE094S-IT26-08-26-13	Grab	A-5	95.6
AE094S-IT27-08-26-13	Grab	A-5	66.3
AE094S-IT28-08-26-13	Grab	A-5	63.6
AE094S-IT29-08-26-13	Grab	B-4	0.164
AE094S-IT30-08-26-13	Grab	B-4	0.503
AE094S-IT31-08-26-13	Grab	B-4	0.244
AE094S-IT32-08-26-13	Grab	B-4	0.187
AE094S-IT33-08-26-13	Grab	A-3	73.9
AE094S-IT34-08-26-13	Grab	A-3	2.42
AE094S-IT35-08-26-13	Grab	A-3	47.0
AE094S-IT36-08-26-13	Grab	A-3	103
AE094S-IT37-08-26-13	Grab	B-2	1.12
AE094S-IT38-08-26-13	Grab	B-2	1.31
AE094S-ITFB2-08-26-13	Grab	B-2	5.34
AE094S-IT39-08-26-13	Grab	B-2	14.5
AE094S-IT40-08-26-13	Grab	B-2	0.105
AE094S-IT41-08-26-13	Grab	B-1	7.44
AE094S-IT42-08-26-13	Grab	B-1	1.63
AE094S-IT43-08-26-13	Grab	B-1	2.33
AE094S-IT44-08-26-13	Grab	B-1	1.92
AE094S-ITRB1-08-26-13	Rinsate Blank	---	ND
AE094S-ITRB2-08-26-13	Rinsate Blank	---	ND

Notes: Sample zone identifications are referenced from the Sample Location Plan, included as Attachment B.
 All laboratory results are expressed in parts per million (ppm), or mg/kg.
 ND = Not detected above the laboratory method detection limits.
 The detected PCB Aroclor for all collected samples is Aroclor 1248.

The remediation plan for cells, or portions of cells, determined to be <50 ppm and >50 ppm has been adjusted according to the latest laboratory analysis results. The updated PCB Delineation Plan is located in Attachment C, and shall replace the PCB Delineation Plan previously submitted under ATL Engineering's Remedial Action Work Plan (ATL Report No. AE094CE-03-07-13, dated July 15, 2013).

2. While we recognize that disposal facilities may require characterization of waste piles, please note that disposal of the excavated soil must be based on characterization sampling.

Any requisite waste characterization soil samples will be collected prior to excavation.

Based on the first comment, ATL Engineering has also altered the post-excavation soil sampling and analysis proposed in the Remedial Action Work Plan (ATL Report No. AE094CE-03-07-13, dated July 15, 2013). Instead of composite post-excavation soil samples, ATL Engineering proposes to collect grab soil samples to maintain a direct comparison to the cleanup criteria of 1 ppm rather than an adjusted regulatory level that would be required for composite samples. The proposed revision to the Remedial Action Work Plan (ATL Report No. AE094CE-03-07-13, dated July 15, 2013) is specified below, and a revised Post-Excavation Soil Sampling Plan is provided in Attachment B.

Section 3.7.1 of the referenced Remedial Action Work Plan states the following in reference to post-excavation soil sampling and analysis:

"Prior to, or during, the excavation activities, cleanup confirmation soil samples will be collected from each excavated zone. The soil sample from each zone will consist of three grab samples collected in a triangular pattern within the zone and subsequently composited into a single sample for laboratory analysis."

This information shall be revised as follows:

"Prior to, or during, the excavation activities, cleanup confirmation soil samples will be collected from each excavated zone. Soil samples from each zone will include four grab samples collected in a rectangular pattern within the zone, each of which will be submitted for laboratory analysis. Analytical results for each grab sample will be directly compared to the site cleanup goal of 1 ppm to verify satisfactory remediation or determine the need for additional excavation of specific zones or application portions thereof."

Please contact our office should you have any questions, or if we may be of further assistance.

Sincerely,
ATL Engineering, P.C.



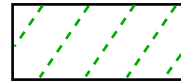
Cheyenne J. Dashnaw, PE
Senior Project Manager

CJD/MBR/av
Enclosure

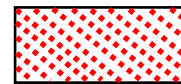
cc: Ms. Vivian Chin, EPA (chin.vivian@epa.gov)
Mr. Richard Law, RH Law

ATTACHMENT A
SUPPLEMENTAL SAMPLE LOCATION PLAN AND
UPDATED PCB DELINEATION PLAN

Legend



Zones determined to contain soil with less than 50 ppm PCB.



Zones determined to contain soil with greater than 50 ppm PCB.

COMPOSITE SAMPLES COLLECTED FROM EACH GRID SECTION FROM THE TOP SOIL LAYER APPROXIMATELY SURFACE TO FOUR INCHES BELOW GRADE. A TOTAL OF SIX GRAB SAMPLES WERE COLLECTED TO FORM EACH COMPOSITE SAMPLE. SAMPLES COLLECTED BY CES PERSONNEL ON MAY 2, 2013.

Laboratory analysis results for composite soil samples collected by CES on May 2, 2013 indicated with ##.

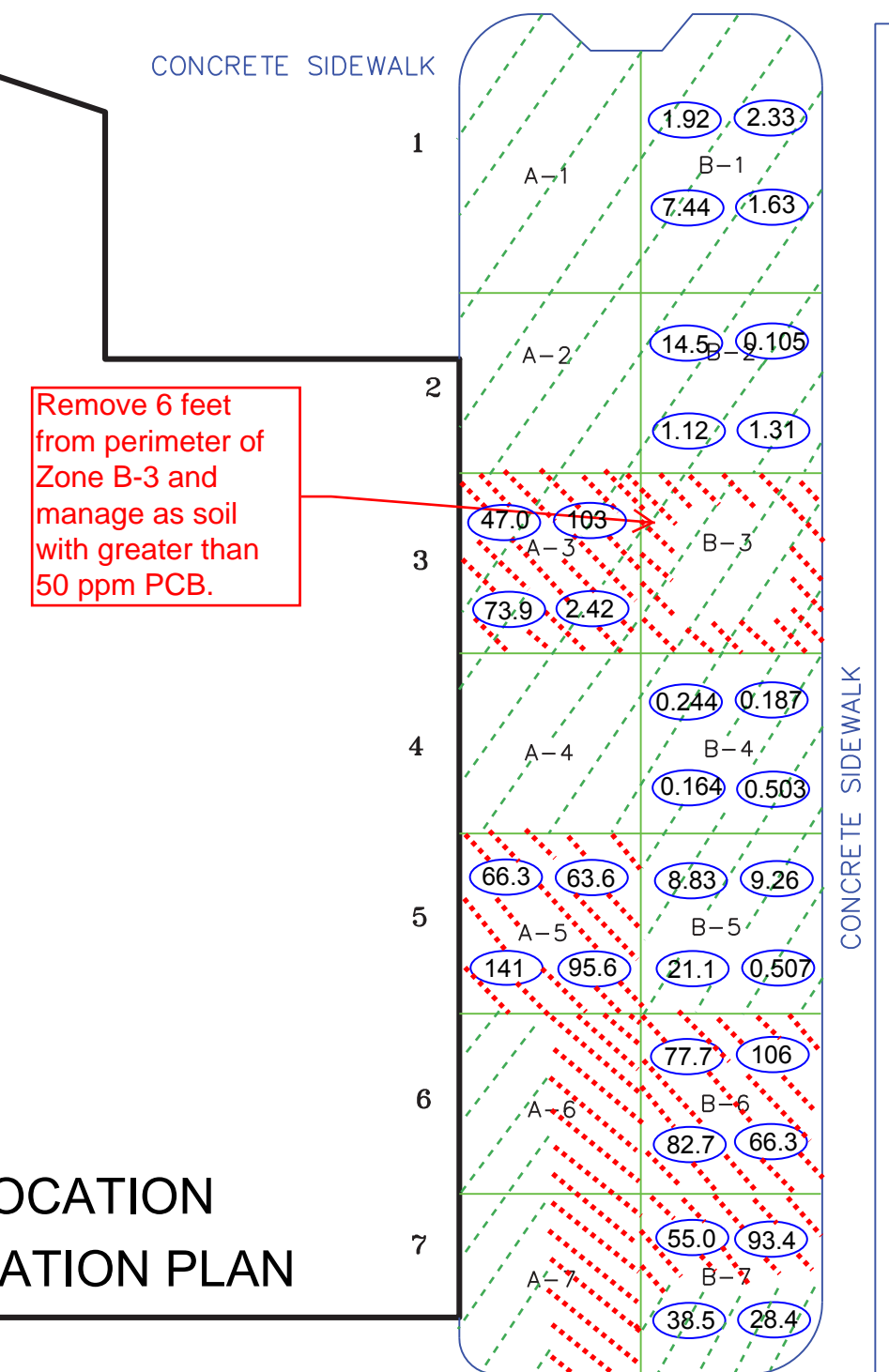
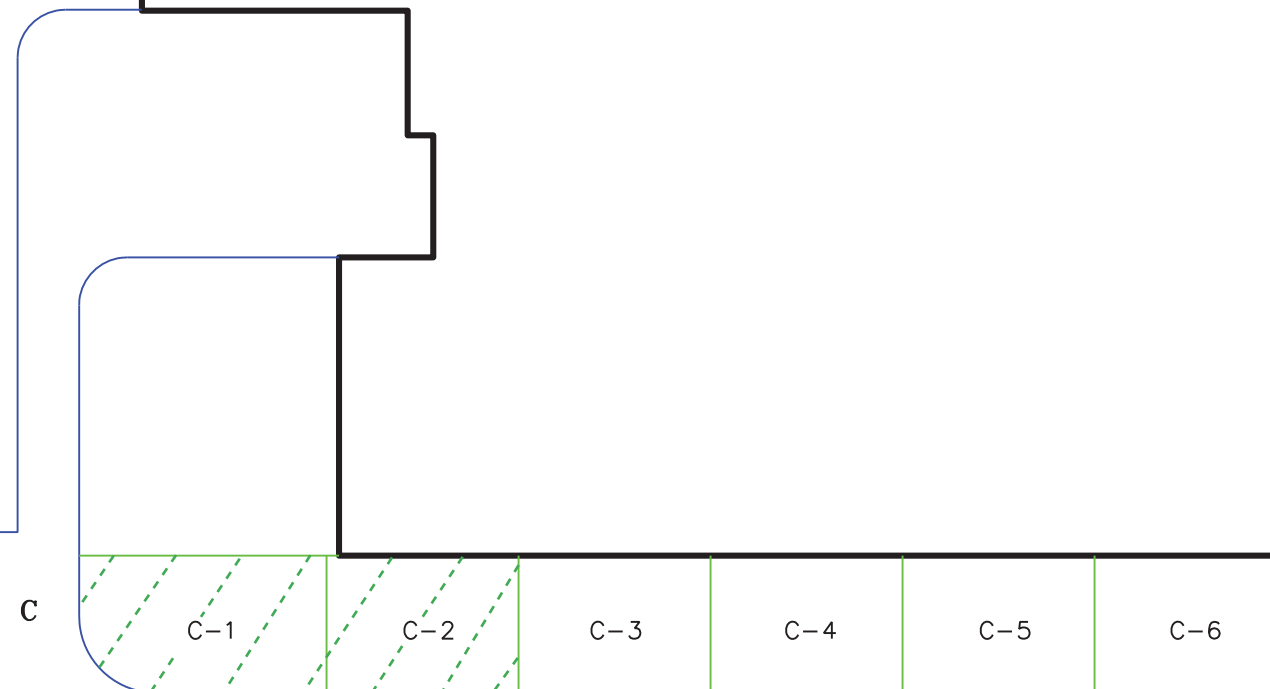
Grab samples collected from grid zones B-1, B-2, A-3, B-4, A-5, B-5, B-6, and B-7 by ATL Engineering on August 26, 2013. Grab samples collected at locations approximately 7 feet diagonally inward from the corners of the referenced zones. Laboratory analysis results for grab samples collected by ATL Engineering on August 26, 2013 indicated with ##.

INSTITUTE OF TECHNOLOGY
@ SYRACUSE CENTRAL

258 EAST ADAMS STREET
SYRACUSE, NEW YORK 13202

PCB DELINEATION PLAN

SUPPLEMENTAL SAMPLE LOCATION AND UPDATED PCB DELINEATION PLAN

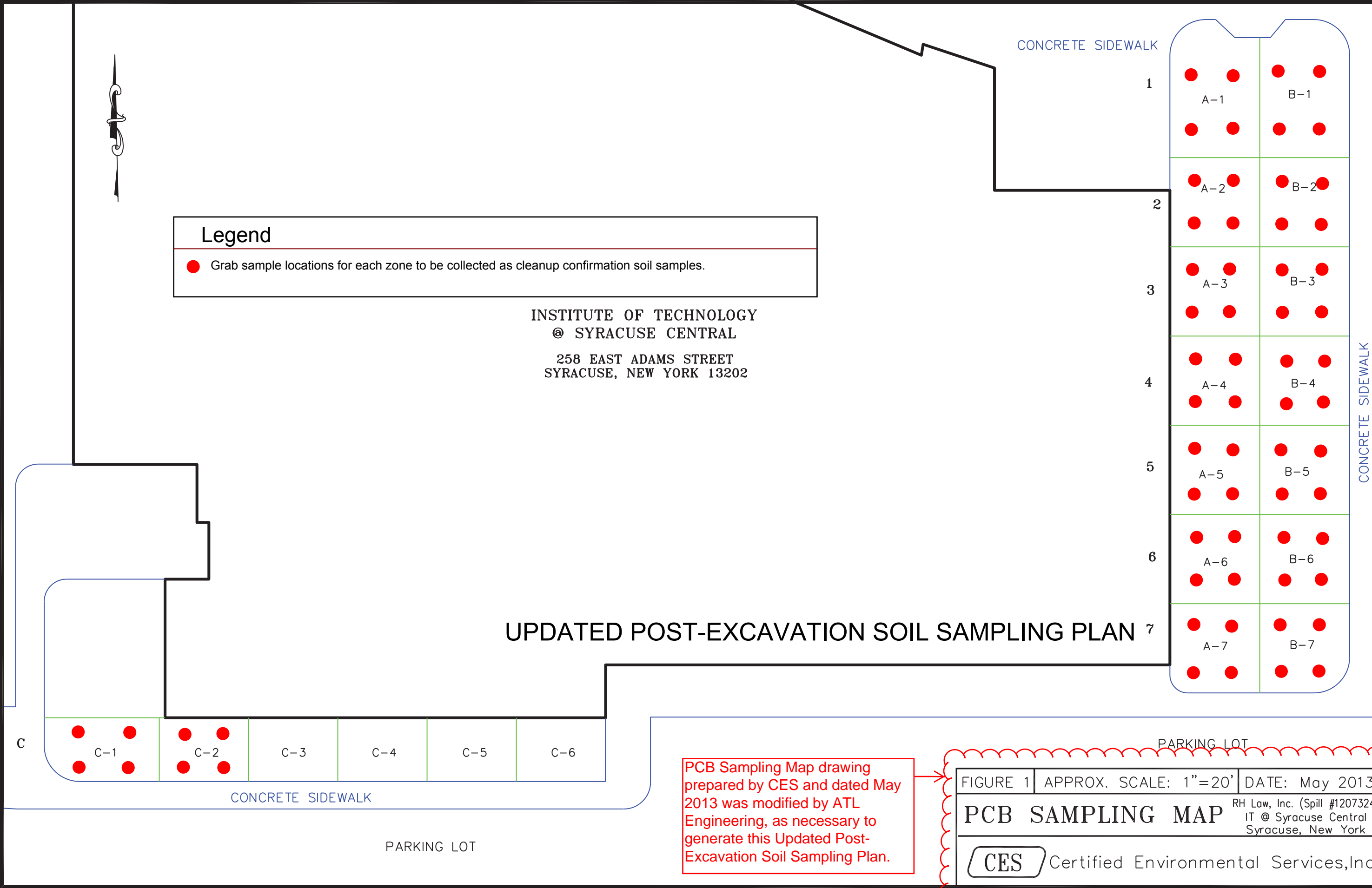


PCB Sampling Map drawing prepared by CES and dated May 2013 was modified by ATL Engineering, as necessary to generate this Supplemental Sample Location and Updated PCB Delineation Plan.

FIGURE 1 | APPROX. SCALE: 1"=20' | DATE: May 2013
PCB SAMPLING MAP
RH Law, Inc. (Spill #1207324)
IT @ Syracuse Central
Syracuse, New York
CES | Certified Environmental Services, Inc.

ATTACHMENT B

UPDATED POST-EXCAVATION SOIL SAMPLING PLAN



ATTACHMENT C

LABORATORY REPORT AND

ASSOCIATED SAMPLE CUSTODY DOCUMENTATION



Pace Analytical e-Report

Report prepared for:

ATLANTIC TESTING LABORATORIES, LTD
22 CORPORATE DR
CLIFTON PARK, NY 12065
CONTACT: C. DASHNAW

Project ID: AE094 SYRACUSE IT

Sampling Date(s): August 26, 2013

Lab Report ID: 13080616

Client Service Contact: Kelly Miller (518) 346-4592 ext. 3844

Analysis Included:

PCB Analysis

Test results meet all National Environmental Laboratory Accreditation Conference (NELAC) requirements unless noted in the case narrative. The results contained within this document relate only to the samples included in this report. Pace Analytical is responsible only for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.

A handwritten signature in black ink that reads "Dan Pfalzer".

Dan Pfalzer
Laboratory Director



Certifications: New York (EPA: NY00906, ELAP: 11078), New Jersey (NY026), Connecticut (PH-0337),
Massachusetts (M-NY906), Virginia (1884)

Pace Analytical Services, Inc. | 2190 Technology Drive | Schenectady, NY 12308
Phone: 518.346.4592 | internet: www.pacelabs.com

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CASE NARRATIVE

August 28, 2013

CASE NARRATIVE

This data package (SDG ID: 13080616) consists of 19 soil samples received on 08/27/2013. The samples are from Project Name: AE094 SYRACUSE IT.

This sample delivery group consists of the following samples:

<u>Lab Sample ID</u>	<u>Client ID</u>	<u>Collection Date</u>
AQ24131	AE094S-IT13-08-26-13	08/26/2013 09:48
AQ24132	AE094S-IT14-08-26-13	08/26/2013 09:55
AQ24133	AE094S-IT15-08-26-13	08/26/2013 10:07
AQ24134	AE094S-IT16-08-26-13	08/26/2013 10:17
AQ24135	AE094S-IT17-08-26-13	08/26/2013 10:25
AQ24136	AE094S-IT18-08-26-13	08/26/2013 10:32
AQ24137	AE094S-IT19-08-26-13	08/26/2013 10:46
AQ24138	AE094S-IT20-08-26-13	08/26/2013 10:55
AQ24139	AE094S-IT21-08-26-13	08/26/2013 11:04
AQ24140	AE094S-IT22-08-26-13	08/26/2013 13:26
AQ24141	AE094S-IT23-08-26-13	08/26/2013 11:35
AQ24142	AE094S-IT24-08-26-13	08/26/2013 11:41
AQ24143	AE094S-IT25-08-26-13	08/26/2013 11:51
AQ24144	AE094S-IT26-08-26-13	08/26/2013 12:00
AQ24145	AE094S-IT27-08-26-13	08/26/2013 12:11
AQ24146	AE094S-IT28-08-26-13	08/26/2013 12:27
AQ24147	AE094S-IT29-08-26-13	08/26/2013 12:33
AQ24148	AE094S-IT30-08-26-13	08/26/2013 12:54
AQ24149	AE094S-IT31-08-26-13	08/26/2013 13:19

Sample Delivery and Receipt Conditions

- (1.) All samples were delivered to the laboratory via FEDEX delivery service on 08/27/2013.
- (2.) All samples were received at the laboratory intact and within holding times.
- (3.) The following cooler temperature was recorded at sample receipt (Control limits are between 0-6 Degrees Celsius): 2.4 degrees Celsius. Please see Chain of Custody for details.

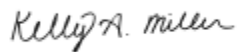
PCB Aroclor Analysis

Analysis for PCB Aroclors was performed by method SW-846 8082A. Samples were extracted by Accelerated Solvent Extraction (EPA Method 3545). The following technical and administrative items were noted for the analysis:

- (1.) The concentration results for Aroclor 1248 were flagged (AE) to denote that an altered Aroclor pattern was observed. Please see form for details.
- (2.) The surrogates DCBP and TCMX were diluted out for several samples (LAB ID: AQ24131, AQ24132, AQ24133, AQ24134, AQ24135, AQ24136, AQ24137, AQ24138, AQ24139, AQ24141, AQ24142, AQ24143, AQ24144, AQ24145, and AQ24146) due to the high concentration of PCB in the samples. Please see associated form for details.

(3.) The surrogates DCBP and TCMX were diluted out for several quality control samples (LAB ID: AQ24136M and AQ24136K) due to the high concentration of PCB in the samples. Please see associated form for details.

Respectfully submitted,

A handwritten signature in cursive script that reads "Kelly A. Miller". The signature is written in dark ink on a light background.

Kelly A. Miller
Project Manager

QUALIFIERS

Organic Laboratory Qualifiers Defined

B - Denotes analyte observed in associated method blank or extraction blank. Analyte concentration should be considered as estimated.

D - Surrogate was diluted. The analysis of the sample required a dilution such that the surrogate concentration was diluted below the laboratory acceptance criteria.

E - Denotes analyte concentration exceeded calibration range of instrument. Sample could not be re-analyzed at secondary dilution due to insufficient sample amount, quick turn-around request, sample matrix interference or hold time excursion. Concentration result should be considered as estimated.

J - Denotes an estimated concentration. The concentration result is greater than or equal to the Method Detection Limit (MDL) but less than the Reporting Limit (RL).

P - Indicates relative percent difference (RPD) between primary and secondary gas chromatograph (GC) column analysis exceeds 40 % or indicates percent difference (PD) between primary and secondary gas chromatograph (GC) column analysis exceeds 25 %.

U - Denotes analyte not detected at concentration greater than or equal to the Reporting Limit (RL). Reporting Limit's (RL) are adjusted for sample weight/volume and dilution factors.

Z - Chromatographic interference due to polychlorinated biphenyl (PCB) co-elution.

* - Value not within control limits.

Inorganic Laboratory Qualifiers Defined

B - Denotes analyte observed in associated method blank or digestion blank. Analyte concentration should be considered as estimated.

E - Denotes analyte concentration exceeded calibration range of instrument. Sample could not be re-analyzed at secondary dilution due to insufficient sample amount, quick turn-around request, sample matrix interference or hold time excursion. Concentration result should be considered as estimated.

J - Denotes an estimated concentration. The concentration result is greater than or equal to the Method Detection Limit (MDL) but less than the Reporting Limit (RL).

U - Denotes analyte not detected at concentration greater than or equal to the Reporting Limit (RL). Reporting Limit's (RL) are adjusted for sample weight/volume and dilution factors.

* - Value not within control limits.

SAMPLE CHAIN OF CUSTODY

<13080616P1>



130806161



ATLANTIC TESTING LABORATORIES

Environmental Chain-Of-Custody Record

7230

Albany
 22 Corporate Drive
 Clifton Park, NY 12065
 518/383-9144 (T)
 518/383-9166 (F)

Binghamton
 126 Park Avenue
 Binghamton, NY 13903
 607/773-1812 (T)
 607/773-1835 (F)

Canton
 6431 U.S. Highway 11
 Canton, NY 13617
 315/386-4578 (T)
 315/386-1012 (F)

Elmira
 2330 Route 352
 Corning, NY 14903
 607/737-0700 (T)
 607/737-0714 (F)

Plattsburgh
 130 Arizona Ave
 Plattsburgh, NY 12903
 518/563-5878 (T)
 518/562-1321 (F)

Poughkeepsie
 251 Upper North Road
 Highland, NY 12528
 845/691-6098 (T)
 845/691-6099 (F)

Rochester
 3445 Winton Road
 Rochester, NY 14623
 585/427-9020 (T)
 585/427-9021 (F)

Syracuse
 6085 Court Street Road
 Syracuse, NY 13206
 315/699-5281 (T)
 315/699-3374 (F)

Utica
 301 St. Anthony Street
 Utica, NY 13501
 315/735-3309 (T)
 315/735-0742 (F)

Watertown
 26581 NYS Route 283
 Watertown, NY 13601
 315/786-7887 (T)
 315/786-2022 (F)

Project No.		Client Name		QA/QC Code		Parameters										Report Distribution									
Project Contact:		Project Name:		Project Location		Sample Type		No. of Containers		EPA 8082 ASE Extraction		Dates Required:		Send Report To:		Fax Results:		Laboratory Identification No.		Field Notes					
AEO94		RH Law		<input type="checkbox"/> NYSDEC <input type="checkbox"/> SW-846 <input type="checkbox"/> NYSDOH <input type="checkbox"/> CLP <input type="checkbox"/> Other												24-hr TAT		cdashnaw@atlantictesting.com		avanderhof@atlantictesting.com					
Page 1 of 4		Cheyenne Dashnaw		Syracuse IT		Syracuse, NY																			
Date	Time	Sample Location		Sample Type	No. of Containers																				
8/26/13	09:48	AEO94S-IT13-08-26-13		GS	1	X										AG24131		AEO94S-IT13-08-26-13							
8/26/13	09:55	IT14 B-7		GS	1	X										AG24132		AEO94S-IT14-08-26-13							
8/26/13	10:07	IT15 B-7		GS	1	X										AG24133		AEO94S-IT15-08-26-13							
8/26/13	10:17	IT16 B-7		GS	1	X										AG24134		AEO94S-IT16-08-26-13							
8/26/13	10:25	IT17 B-6		GS		X										AG24135		AEO94S-IT17-08-26-13							
8/26/13	10:32	IT18 B-6		GS	①	X										AG24136		AEO94S-IT18-08-26-13							
8/26/13	—	MS/MSD 1		GS												AG24136		AEO94S-ITMSD1-08-26-13							
8/26/13	10:46	IT19 B-6		GS	1	X										AG24137		AEO94S-IT19-08-26-13							
8/26/13	10:55	IT20 B-6		GS	1	X										AG24138		AEO94S-IT20-08-26-13							
8/26/13	11:04	IT21 B-5		GS	1	X										AG24139		AEO94S-IT21-08-26-13							
Samplers Name:		Lynette Vayo		Date:		8/26/13		Received for Name:												Date:				Shipment Rec'd Intact?	
Samplers Signature:		Lynette Vayo		Time:				Laboratory Signature:												Time:				X YES <input type="checkbox"/> NO	
Samples Relinquished By:				Samples Received By:				Sample Type Code Key:				Laboratory Remarks													
Name:		Lynette Vayo		Date:		8/26/13		Name:		Roy Foley		Date:		8/26/13		Description		Matrix		2.4°C					
Signature:		Lynette Vayo		Time:		5:20 p		Signature:		Roy Foley		Time:		5:20 p		C Composite		DW Drinking Water							
Name:		Roy Foley		Date:		8/26/13		Name:		Laura Suenhall		Date:		8/21/13		G Grab		GW Groundwater							
Signature:		Roy Foley		Time:		6:00 p		Signature:		Laura Suenhall		Time:		9:32		Q QA/QC		O Oil							
																O Other		S Soil							
																		SL Sludge							
																		WW Wastewater							

Think Quality via Fedex

Distribution: White with Samples
 Yellow to Laboratory
 Pace Analytical Services ATL Files

13080616

drive:Forms\Environmental\OfficeForms\Environmental Chain-Of-Custody Record rev 2: 08/07/10 of 37

ENV-001B



ATLANTIC TESTING LABORATORIES

Environmental Chain-Of-Custody Record

7231

Albany
22 Corporate Drive
Clifton Park, NY 12065
518/383-9144 (T)
518/383-9166 (F)

Binghamton
126 Park Avenue
Binghamton, NY 13903
607/773-1812 (T)
607/773-1835 (F)

Canton
6431 U.S. Highway 11
Canton, NY 13617
315/386-4578 (T)
315/386-1012 (F)

Elmira
2330 Route 352
Corning, NY 14903
607/737-0700 (T)
607/737-0714 (F)

Plattsburgh
130 Arizona Ave
Plattsburgh, NY 12903
518/563-5878 (T)
518/562-1321 (F)

Poughkeepsie
251 Upper North Road
Highland, NY 12528
845/691-6098 (T)
845/691-6099 (F)

Rochester
3445 Winton Road
Rochester, NY 14623
585/427-9020 (T)
585/427-9021 (F)

Syracuse
6085 Court Street Road
Syracuse, NY 13206
315/699-5281 (T)
315/699-3374 (F)

Utica
301 St. Anthony Street
Utica, NY 13501
315/735-3309 (T)
315/735-0742 (F)

Watertown
26581 NYS Route 283
Watertown, NY 13601
315/786-7887 (T)
315/786-2022 (F)

Project No.		Client Name		QA/QC Code		Parameters										Report Distribution	
Page 2 of 4		RH Law		<input type="checkbox"/> NYSDEC <input type="checkbox"/> SW-846 <input type="checkbox"/> NYSDOH <input type="checkbox"/> CLP <input type="checkbox"/> Other												Dates Required: 24-hr TAT	
Project Contact:		Cheyenne Dashnaw		Project Location												Send Report To: cdashnaw@atlantictesting.com avanderhoof@atlantictesting.com	
Project Name:		Syracuse IT		Syracuse, NY												Fax Results: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
Date	Time	Sample Location	Sample Type	No. of Containers											Laboratory Identification No.	Field Notes	
8/26/13	13:26	IT22 B-5	GS	1	X										AG24140	AE0945-IT22-08-26-13	
8/26/13	11:35	IT23 B-5	GS	1	X										AG24141	AE0945-IT23-08-26-13	
8/26/13	11:41	IT24 B-5	GS	1	X										AG24142	AE0945-IT24-08-26-13	
8/26/13	11:51	IT25 A-5	GS	1	X										AG24143	AE0945-IT25-08-26-13	
8/26/13	12:00	IT26 A-5	GS	1	X										AG24144	AE0945-IT26-08-26-13	
8/26/13	12:11	IT27 A-5	GS	1	X										AG24145	AE0945-IT27-08-26-13	
8/26/13	12:27	IT28 A-5	GS	1	X										AG24146	AE0945-IT28-08-26-13	
8/26/13	12:33	IT29 B-4	GS	1	X										AG24147	AE0945-IT29-08-26-13	
8/26/13	12:54	IT30 B-4	GS	1	X										AG24148	AE0945-IT30-08-26-13	
8/26/13	13:19	IT31 B-4	GS	1	X										AG24149	AE0945-IT31-08-26-13	
Samplers Name:		Lynette Vayo		Date:	8/26/13	Received for Name:								Date:	Shipment Rec'd Intact?		
Samplers Signature:		Lynette Vayo		Time:	1630	Laboratory Signature:								Time:	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
Samples Relinquished By:				Samples Received By:				Sample Type Code Key:				Laboratory Remarks					
Name:	Lynette Vayo			Date:	8/26/13	Name:	Roy Foley			Date:	8/26/13	Description	Matrix	2.4°C			
Signature:	Lynette Vayo			Time:	1720	Signature:	Roy Foley			Time:	520p	G Composite	DW Drinking Water				
Name:	Roy Foley			Date:	8/26/13	Name:	Laura Surinalli			Date:	8/27/13	Q Grab	GW Groundwater				
Signature:	Roy Foley			Time:	600p	Signature:	Laura Surinalli			Time:	9:32	Q QA/QC	O Oil				
												O Other	S Soil				
													SL Sludge				
													WW Wastewater				

Think Quality via FedEx

GC - PCB



Analytical Sample Results

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT13-08-26-13
Lab Sample ID: 13080616-01 (AQ24131)

Collection Date: 08/26/2013 09:48
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 90.7 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-65	SW-846 8082 (PCB)	08/28/2013 01:57	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 10:49	CAP	10.7 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	2.57	50.0	U	GC20F-1669-65
Aroclor 1221	11104-28-2	ND	2.57	50.0	U	GC20F-1669-65
Aroclor 1232	11141-16-5	ND	2.57	50.0	U	GC20F-1669-65
Aroclor 1242	53469-21-9	ND	2.57	50.0	U	GC20F-1669-65
Aroclor 1248	12672-29-6	38.5	2.57	50.0	AE	GC20F-1669-65
Aroclor 1254	11097-69-1	ND	2.57	50.0	U	GC20F-1669-65
Aroclor 1260	11096-82-5	ND	2.57	50.0	U	GC20F-1669-65
Total PCB Amount > RL	1336-36-3	38.5		50.0		GC20F-1669-65

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	97.5	60.0-140	D	GC20F-1669-65
Decachlorobiphenyl	2051-24-3	0.00	60.0-140	D	GC20F-1669-65

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT14-08-26-13
Lab Sample ID: 13080616-02 (AQ24132)

Collection Date: 08/26/2013 09:55
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 91.1 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-66	SW-846 8082 (PCB)	08/28/2013 02:10	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 10:50	CAP	10.0 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	1.64	30.0	U	GC20F-1669-66
Aroclor 1221	11104-28-2	ND	1.64	30.0	U	GC20F-1669-66
Aroclor 1232	11141-16-5	ND	1.64	30.0	U	GC20F-1669-66
Aroclor 1242	53469-21-9	ND	1.64	30.0	U	GC20F-1669-66
Aroclor 1248	12672-29-6	28.4	1.64	30.0	AE	GC20F-1669-66
Aroclor 1254	11097-69-1	ND	1.64	30.0	U	GC20F-1669-66
Aroclor 1260	11096-82-5	ND	1.64	30.0	U	GC20F-1669-66
Total PCB Amount > RL	1336-36-3	28.4		30.0		GC20F-1669-66

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	72.9	60.0-140	D	GC20F-1669-66
Decachlorobiphenyl	2051-24-3	0.00	60.0-140	D	GC20F-1669-66

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT15-08-26-13
Lab Sample ID: 13080616-03 (AQ24133)

Collection Date: 08/26/2013 10:07
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 87.7 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-67	SW-846 8082 (PCB)	08/28/2013 02:23	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 10:51	CAP	10.1 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	5.63	100	U	GC20F-1669-67
Aroclor 1221	11104-28-2	ND	5.63	100	U	GC20F-1669-67
Aroclor 1232	11141-16-5	ND	5.63	100	U	GC20F-1669-67
Aroclor 1242	53469-21-9	ND	5.63	100	U	GC20F-1669-67
Aroclor 1248	12672-29-6	93.4	5.63	100	AE	GC20F-1669-67
Aroclor 1254	11097-69-1	ND	5.63	100	U	GC20F-1669-67
Aroclor 1260	11096-82-5	ND	5.63	100	U	GC20F-1669-67
Total PCB Amount > RL	1336-36-3	93.4		100		GC20F-1669-67

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	0.00	60.0-140	D	GC20F-1669-67
Decachlorobiphenyl	2051-24-3	0.00	60.0-140	D	GC20F-1669-67

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080616

Pace Analytical Services, Inc.
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Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT16-08-26-13
Lab Sample ID: 13080616-04 (AQ24134)

Collection Date: 08/26/2013 10:17
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 89.8 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-68	SW-846 8082 (PCB)	08/28/2013 02:35	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 10:52	CAP	10.8 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	3.10	60.0	U	GC20F-1669-68
Aroclor 1221	11104-28-2	ND	3.10	60.0	U	GC20F-1669-68
Aroclor 1232	11141-16-5	ND	3.10	60.0	U	GC20F-1669-68
Aroclor 1242	53469-21-9	ND	3.10	60.0	U	GC20F-1669-68
Aroclor 1248	12672-29-6	55.0	3.10	60.0	AE	GC20F-1669-68
Aroclor 1254	11097-69-1	ND	3.10	60.0	U	GC20F-1669-68
Aroclor 1260	11096-82-5	ND	3.10	60.0	U	GC20F-1669-68
Total PCB Amount > RL	1336-36-3	55.0		60.0		GC20F-1669-68

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	81.5	60.0-140	D	GC20F-1669-68
Decachlorobiphenyl	2051-24-3	0.00	60.0-140	D	GC20F-1669-68

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT17-08-26-13
Lab Sample ID: 13080616-05 (AQ24135)

Collection Date: 08/26/2013 10:25
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 86.9 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-69	SW-846 8082 (PCB)	08/28/2013 02:48	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 10:54	CAP	10.3 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	5.61	100	U	GC20F-1669-69
Aroclor 1221	11104-28-2	ND	5.61	100	U	GC20F-1669-69
Aroclor 1232	11141-16-5	ND	5.61	100	U	GC20F-1669-69
Aroclor 1242	53469-21-9	ND	5.61	100	U	GC20F-1669-69
Aroclor 1248	12672-29-6	82.7	5.61	100	AE	GC20F-1669-69
Aroclor 1254	11097-69-1	ND	5.61	100	U	GC20F-1669-69
Aroclor 1260	11096-82-5	ND	5.61	100	U	GC20F-1669-69
Total PCB Amount > RL	1336-36-3	82.7		100		GC20F-1669-69

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	40.3	60.0-140	D	GC20F-1669-69
Decachlorobiphenyl	2051-24-3	0.00	60.0-140	D	GC20F-1669-69

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT18-08-26-13
Lab Sample ID: 13080616-06 (AQ24136)

Collection Date: 08/26/2013 10:32
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 89.9 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-70	SW-846 8082 (PCB)	08/28/2013 03:00	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 10:55	CAP	10.1 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	4.40	80.0	U	GC20F-1669-70
Aroclor 1221	11104-28-2	ND	4.40	80.0	U	GC20F-1669-70
Aroclor 1232	11141-16-5	ND	4.40	80.0	U	GC20F-1669-70
Aroclor 1242	53469-21-9	ND	4.40	80.0	U	GC20F-1669-70
Aroclor 1248	12672-29-6	66.3	4.40	80.0	AE	GC20F-1669-70
Aroclor 1254	11097-69-1	ND	4.40	80.0	U	GC20F-1669-70
Aroclor 1260	11096-82-5	ND	4.40	80.0	U	GC20F-1669-70
Total PCB Amount > RL	1336-36-3	66.3		80.0		GC20F-1669-70

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	16.7	60.0-140	D	GC20F-1669-70
Decachlorobiphenyl	2051-24-3	0.00	60.0-140	D	GC20F-1669-70

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT19-08-26-13
Lab Sample ID: 13080616-07 (AQ24137)

Collection Date: 08/26/2013 10:46
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 88.3 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-74	SW-846 8082 (PCB)	08/28/2013 03:51	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 13:47	CAP	10.6 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	5.35	100	U	GC20F-1669-74
Aroclor 1221	11104-28-2	ND	5.35	100	U	GC20F-1669-74
Aroclor 1232	11141-16-5	ND	5.35	100	U	GC20F-1669-74
Aroclor 1242	53469-21-9	ND	5.35	100	U	GC20F-1669-74
Aroclor 1248	12672-29-6	77.7	5.35	100	AE	GC20F-1669-74
Aroclor 1254	11097-69-1	ND	5.35	100	U	GC20F-1669-74
Aroclor 1260	11096-82-5	ND	5.35	100	U	GC20F-1669-74
Total PCB Amount > RL	1336-36-3	77.7		100		GC20F-1669-74

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	48.1	60.0-140	D	GC20F-1669-74
Decachlorobiphenyl	2051-24-3	0.00	60.0-140	D	GC20F-1669-74

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT20-08-26-13
Lab Sample ID: 13080616-08 (AQ24138)

Collection Date: 08/26/2013 10:55
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 92.4 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-75	SW-846 8082 (PCB)	08/28/2013 04:03	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 14:35	CAP	10.0 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	5.40	100	U	GC20F-1669-75
Aroclor 1221	11104-28-2	ND	5.40	100	U	GC20F-1669-75
Aroclor 1232	11141-16-5	ND	5.40	100	U	GC20F-1669-75
Aroclor 1242	53469-21-9	ND	5.40	100	U	GC20F-1669-75
Aroclor 1248	12672-29-6	106	5.40	100	AE	GC20F-1669-75
Aroclor 1254	11097-69-1	ND	5.40	100	U	GC20F-1669-75
Aroclor 1260	11096-82-5	ND	5.40	100	U	GC20F-1669-75
Total PCB Amount > RL	1336-36-3	106		100		GC20F-1669-75

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	0.00	60.0-140	D	GC20F-1669-75
Decachlorobiphenyl	2051-24-3	0.00	60.0-140	D	GC20F-1669-75

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
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Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT21-08-26-13
Lab Sample ID: 13080616-09 (AQ24139)

Collection Date: 08/26/2013 11:04
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 87.2 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-76	SW-846 8082 (PCB)	08/28/2013 04:16	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 11:01	CAP	10.3 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	1.12	20.0	U	GC20F-1669-76
Aroclor 1221	11104-28-2	ND	1.12	20.0	U	GC20F-1669-76
Aroclor 1232	11141-16-5	ND	1.12	20.0	U	GC20F-1669-76
Aroclor 1242	53469-21-9	ND	1.12	20.0	U	GC20F-1669-76
Aroclor 1248	12672-29-6	21.1	1.12	20.0	AE	GC20F-1669-76
Aroclor 1254	11097-69-1	ND	1.12	20.0	U	GC20F-1669-76
Aroclor 1260	11096-82-5	ND	1.12	20.0	U	GC20F-1669-76
Total PCB Amount > RL	1336-36-3	21.1		20.0		GC20F-1669-76

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	135	60.0-140	D	GC20F-1669-76
Decachlorobiphenyl	2051-24-3	32.0	60.0-140	D	GC20F-1669-76

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080616

Pace Analytical Services, Inc.
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Schenectady, NY 12308
Phone: 518.346.4592
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Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT22-08-26-13
Lab Sample ID: 13080616-10 (AQ24140)

Collection Date: 08/26/2013 13:26
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 87.6 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-77	SW-846 8082 (PCB)	08/28/2013 04:28	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 11:02	CAP	10.8 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0531	1.00	U	GC20F-1669-77
Aroclor 1221	11104-28-2	ND	0.0531	1.00	U	GC20F-1669-77
Aroclor 1232	11141-16-5	ND	0.0531	1.00	U	GC20F-1669-77
Aroclor 1242	53469-21-9	ND	0.0531	1.00	U	GC20F-1669-77
Aroclor 1248	12672-29-6	0.507	0.0531	1.00	AE	GC20F-1669-77
Aroclor 1254	11097-69-1	ND	0.0531	1.00	U	GC20F-1669-77
Aroclor 1260	11096-82-5	ND	0.0531	1.00	U	GC20F-1669-77
Total PCB Amount > RL	1336-36-3	0.507		1.00		GC20F-1669-77

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	99.3	60.0-140		GC20F-1669-77
Decachlorobiphenyl	2051-24-3	102	60.0-140		GC20F-1669-77

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT23-08-26-13
Lab Sample ID: 13080616-11 (AQ24141)

Collection Date: 08/26/2013 11:35
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 88.1 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-78	SW-846 8082 (PCB)	08/28/2013 04:41	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 11:03	CAP	10.6 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.537	10.0	U	GC20F-1669-78
Aroclor 1221	11104-28-2	ND	0.537	10.0	U	GC20F-1669-78
Aroclor 1232	11141-16-5	ND	0.537	10.0	U	GC20F-1669-78
Aroclor 1242	53469-21-9	ND	0.537	10.0	U	GC20F-1669-78
Aroclor 1248	12672-29-6	8.83	0.537	10.0	AE	GC20F-1669-78
Aroclor 1254	11097-69-1	ND	0.537	10.0	U	GC20F-1669-78
Aroclor 1260	11096-82-5	ND	0.537	10.0	U	GC20F-1669-78
Total PCB Amount > RL	1336-36-3	8.83		10.0		GC20F-1669-78

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	142	60.0-140	D	GC20F-1669-78
Decachlorobiphenyl	2051-24-3	122	60.0-140	D	GC20F-1669-78

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT24-08-26-13
Lab Sample ID: 13080616-12 (AQ24142)

Collection Date: 08/26/2013 11:41
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 85.7 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-79	SW-846 8082 (PCB)	08/28/2013 04:53	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 11:04	CAP	10.8 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.543	10.0	U	GC20F-1669-79
Aroclor 1221	11104-28-2	ND	0.543	10.0	U	GC20F-1669-79
Aroclor 1232	11141-16-5	ND	0.543	10.0	U	GC20F-1669-79
Aroclor 1242	53469-21-9	ND	0.543	10.0	U	GC20F-1669-79
Aroclor 1248	12672-29-6	9.26	0.543	10.0	AE	GC20F-1669-79
Aroclor 1254	11097-69-1	ND	0.543	10.0	U	GC20F-1669-79
Aroclor 1260	11096-82-5	ND	0.543	10.0	U	GC20F-1669-79
Total PCB Amount > RL	1336-36-3	9.26		10.0		GC20F-1669-79

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	147	60.0-140	D	GC20F-1669-79
Decachlorobiphenyl	2051-24-3	121	60.0-140	D	GC20F-1669-79

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT25-08-26-13
Lab Sample ID: 13080616-13 (AQ24143)

Collection Date: 08/26/2013 11:51
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 89.0 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-80	SW-846 8082 (PCB)	08/28/2013 05:06	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 11:06	CAP	10.4 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	5.41	100	U	GC20F-1669-80
Aroclor 1221	11104-28-2	ND	5.41	100	U	GC20F-1669-80
Aroclor 1232	11141-16-5	ND	5.41	100	U	GC20F-1669-80
Aroclor 1242	53469-21-9	ND	5.41	100	U	GC20F-1669-80
Aroclor 1248	12672-29-6	141	5.41	100	AE	GC20F-1669-80
Aroclor 1254	11097-69-1	ND	5.41	100	U	GC20F-1669-80
Aroclor 1260	11096-82-5	ND	5.41	100	U	GC20F-1669-80
Total PCB Amount > RL	1336-36-3	141		100		GC20F-1669-80

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	0.00	60.0-140	D	GC20F-1669-80
Decachlorobiphenyl	2051-24-3	0.00	60.0-140	D	GC20F-1669-80

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT26-08-26-13
Lab Sample ID: 13080616-14 (AQ24144)

Collection Date: 08/26/2013 12:00
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 88.9 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-81	SW-846 8082 (PCB)	08/28/2013 05:19	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 11:07	CAP	10.4 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	5.40	100	U	GC20F-1669-81
Aroclor 1221	11104-28-2	ND	5.40	100	U	GC20F-1669-81
Aroclor 1232	11141-16-5	ND	5.40	100	U	GC20F-1669-81
Aroclor 1242	53469-21-9	ND	5.40	100	U	GC20F-1669-81
Aroclor 1248	12672-29-6	95.6	5.40	100	AE	GC20F-1669-81
Aroclor 1254	11097-69-1	ND	5.40	100	U	GC20F-1669-81
Aroclor 1260	11096-82-5	ND	5.40	100	U	GC20F-1669-81
Total PCB Amount > RL	1336-36-3	95.6		100		GC20F-1669-81

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	39.3	60.0-140	D	GC20F-1669-81
Decachlorobiphenyl	2051-24-3	0.00	60.0-140	D	GC20F-1669-81

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT27-08-26-13
Lab Sample ID: 13080616-15 (AQ24145)

Collection Date: 08/26/2013 12:11
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 90.1 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-83	SW-846 8082 (PCB)	08/28/2013 05:44	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 11:10	CAP	10.5 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	3.71	70.0	U	GC20F-1669-83
Aroclor 1221	11104-28-2	ND	3.71	70.0	U	GC20F-1669-83
Aroclor 1232	11141-16-5	ND	3.71	70.0	U	GC20F-1669-83
Aroclor 1242	53469-21-9	ND	3.71	70.0	U	GC20F-1669-83
Aroclor 1248	12672-29-6	66.3	3.71	70.0	AE	GC20F-1669-83
Aroclor 1254	11097-69-1	ND	3.71	70.0	U	GC20F-1669-83
Aroclor 1260	11096-82-5	ND	3.71	70.0	U	GC20F-1669-83
Total PCB Amount > RL	1336-36-3	66.3		70.0		GC20F-1669-83

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	30.4	60.0-140	D	GC20F-1669-83
Decachlorobiphenyl	2051-24-3	0.00	60.0-140	D	GC20F-1669-83

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT28-08-26-13
Lab Sample ID: 13080616-16 (AQ24146)

Collection Date: 08/26/2013 12:27
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 87.8 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-84	SW-846 8082 (PCB)	08/28/2013 05:56	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 11:11	CAP	10.9 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	3.15	60.0	U	GC20F-1669-84
Aroclor 1221	11104-28-2	ND	3.15	60.0	U	GC20F-1669-84
Aroclor 1232	11141-16-5	ND	3.15	60.0	U	GC20F-1669-84
Aroclor 1242	53469-21-9	ND	3.15	60.0	U	GC20F-1669-84
Aroclor 1248	12672-29-6	63.6	3.15	60.0	AE	GC20F-1669-84
Aroclor 1254	11097-69-1	ND	3.15	60.0	U	GC20F-1669-84
Aroclor 1260	11096-82-5	ND	3.15	60.0	U	GC20F-1669-84
Total PCB Amount > RL	1336-36-3	63.6		60.0		GC20F-1669-84

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	99.0	60.0-140	D	GC20F-1669-84
Decachlorobiphenyl	2051-24-3	0.00	60.0-140	D	GC20F-1669-84

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT29-08-26-13
Lab Sample ID: 13080616-17 (AQ24147)

Collection Date: 08/26/2013 12:33
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 86.7 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-85	SW-846 8082 (PCB)	08/28/2013 06:09	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 11:11	CAP	10.5 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0552	1.00	U	GC20F-1669-85
Aroclor 1221	11104-28-2	ND	0.0552	1.00	U	GC20F-1669-85
Aroclor 1232	11141-16-5	ND	0.0552	1.00	U	GC20F-1669-85
Aroclor 1242	53469-21-9	ND	0.0552	1.00	U	GC20F-1669-85
Aroclor 1248	12672-29-6	0.164	0.0552	1.00	AE	GC20F-1669-85
Aroclor 1254	11097-69-1	ND	0.0552	1.00	U	GC20F-1669-85
Aroclor 1260	11096-82-5	ND	0.0552	1.00	U	GC20F-1669-85
Total PCB Amount > RL	1336-36-3	0.164		1.00		GC20F-1669-85

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	92.2	60.0-140		GC20F-1669-85
Decachlorobiphenyl	2051-24-3	104	60.0-140		GC20F-1669-85

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT30-08-26-13
Lab Sample ID: 13080616-18 (AQ24148)

Collection Date: 08/26/2013 12:54
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 87.8 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-86	SW-846 8082 (PCB)	08/28/2013 06:21	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 11:13	CAP	10.5 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0541	1.00	U	GC20F-1669-86
Aroclor 1221	11104-28-2	ND	0.0541	1.00	U	GC20F-1669-86
Aroclor 1232	11141-16-5	ND	0.0541	1.00	U	GC20F-1669-86
Aroclor 1242	53469-21-9	ND	0.0541	1.00	U	GC20F-1669-86
Aroclor 1248	12672-29-6	0.503	0.0541	1.00	AE	GC20F-1669-86
Aroclor 1254	11097-69-1	ND	0.0541	1.00	U	GC20F-1669-86
Aroclor 1260	11096-82-5	ND	0.0541	1.00	U	GC20F-1669-86
Total PCB Amount > RL	1336-36-3	0.503		1.00		GC20F-1669-86

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	86.7	60.0-140		GC20F-1669-86
Decachlorobiphenyl	2051-24-3	101	60.0-140		GC20F-1669-86

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT31-08-26-13
Lab Sample ID: 13080616-19 (AQ24149)

Collection Date: 08/26/2013 13:19
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 86.5 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-87	SW-846 8082 (PCB)	08/28/2013 06:34	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 11:14	CAP	10.0 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0577	1.00	U	GC20F-1669-87
Aroclor 1221	11104-28-2	ND	0.0577	1.00	U	GC20F-1669-87
Aroclor 1232	11141-16-5	ND	0.0577	1.00	U	GC20F-1669-87
Aroclor 1242	53469-21-9	ND	0.0577	1.00	U	GC20F-1669-87
Aroclor 1248	12672-29-6	0.244	0.0577	1.00	AE	GC20F-1669-87
Aroclor 1254	11097-69-1	ND	0.0577	1.00	U	GC20F-1669-87
Aroclor 1260	11096-82-5	ND	0.0577	1.00	U	GC20F-1669-87
Total PCB Amount > RL	1336-36-3	0.244		1.00		GC20F-1669-87

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	99.4	60.0-140		GC20F-1669-87
Decachlorobiphenyl	2051-24-3	106	60.0-140		GC20F-1669-87

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

Quality Control Samples (Field)



**Quality Control Results
Matrix Spike Sample (MS)**

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT18-08-26-13 MS
Lab Sample ID: 13080616-06M (AQ24136M)

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: 89.9 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-71	SW-846 8082 (PCB)	08/28/2013 03:13	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 12:48	CAP	10.3 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	4.33	80.0	U	GC20F-1669-71
Aroclor 1221	11104-28-2	12.6	4.33	80.0		GC20F-1669-71
Aroclor 1232	11141-16-5	ND	4.33	80.0	U	GC20F-1669-71
Aroclor 1242	53469-21-9	ND	4.33	80.0	U	GC20F-1669-71
Aroclor 1248	12672-29-6	72.2	4.33	80.0	AE	GC20F-1669-71
Aroclor 1254	11097-69-1	ND	4.33	80.0	U	GC20F-1669-71
Aroclor 1260	11096-82-5	ND	4.33	80.0	U	GC20F-1669-71
Total PCB Amount > RL	1336-36-3	84.8		80.0		GC20F-1669-71

Analyte Spiked	CAS No.	Sample (ug/g)	Added (ug/g)	MS (ug/g)	MS % Rec.	Q ¹	Limits (%)
Aroclor 1221	11104-28-2		10.8	12.6	117		70.0-130

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	28.5	60.0-140	D	GC20F-1669-71
Decachlorobiphenyl	2051-24-3	0.00	60.0-140	D	GC20F-1669-71

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Quality Control Results **Matrix Spike Duplicate (MSD)**

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT18-08-26-13 MSD
Lab Sample ID: 13080616-06K (AQ24136K)

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: 89.9 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-73	SW-846 8082 (PCB)	08/28/2013 03:38	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 10:56	CAP	10.4 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	4.29	80.0	U	GC20F-1669-73
Aroclor 1221	11104-28-2	12.3	4.29	80.0		GC20F-1669-73
Aroclor 1232	11141-16-5	ND	4.29	80.0	U	GC20F-1669-73
Aroclor 1242	53469-21-9	ND	4.29	80.0	U	GC20F-1669-73
Aroclor 1248	12672-29-6	75.9	4.29	80.0	AE	GC20F-1669-73
Aroclor 1254	11097-69-1	ND	4.29	80.0	U	GC20F-1669-73
Aroclor 1260	11096-82-5	ND	4.29	80.0	U	GC20F-1669-73
Total PCB Amount > RL	1336-36-3	88.2		80.0		GC20F-1669-73

Analyte Spiked	CAS No.	Sample (ug/g)	Added (ug/g)	MSD (ug/g)	MSD % Rec.	Q ¹	Limits (%)	Precision		
								MS % Rec.	RPD	Limits (%)
Aroclor 1221	11104-28-2		10.7	12.3	115		70.0-130	117	1.72	20

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	91.2	60.0-140	D	GC20F-1669-73
Decachlorobiphenyl	2051-24-3	0.00	60.0-140	D	GC20F-1669-73

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

Quality Control Samples (Lab)



**Quality Control Results
Method Blank**

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: Method Blank (AQ24131B)
Lab Sample ID: PBLK-80

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-63	SW-846 8082 (PCB)	08/28/2013 01:32	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 10:48	CAP	10.3 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0500	1.00	U	GC20F-1669-63
Aroclor 1221	11104-28-2	ND	0.0500	1.00	U	GC20F-1669-63
Aroclor 1232	11141-16-5	ND	0.0500	1.00	U	GC20F-1669-63
Aroclor 1242	53469-21-9	ND	0.0500	1.00	U	GC20F-1669-63
Aroclor 1248	12672-29-6	ND	0.0500	1.00	U	GC20F-1669-63
Aroclor 1254	11097-69-1	ND	0.0500	1.00	U	GC20F-1669-63
Aroclor 1260	11096-82-5	ND	0.0500	1.00	U	GC20F-1669-63
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC20F-1669-63

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	96.5	60.0-140		GC20F-1669-63
Decachlorobiphenyl	2051-24-3	113	60.0-140		GC20F-1669-63

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



**Quality Control Results
Lab Control Sample (LCS)**

Job Number: 13080616

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: Lab Control Sample (AQ24131L)
Lab Sample ID: LCS-80

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-64	SW-846 8082 (PCB)	08/28/2013 01:45	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23637	EPA 3545	08/27/2013 10:48	CAP	10.9 g	25.0 mL	NA

Analyte Spiked	CAS No.	Added (ug/g)	LCS (ug/g)	LCS % Rec.	Q ¹	Limits (%)
Aroclor 1221	11104-28-2	1.15	1.000	87.0		70.0-130

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	86.8	60.0-140		GC20F-1669-64
Decachlorobiphenyl	2051-24-3	108	60.0-140		GC20F-1669-64

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



Pace Analytical e-Report

Report prepared for:

ATLANTIC TESTING LABORATORIES, LTD
22 CORPORATE DR
CLIFTON PARK, NY 12065
CONTACT: C. DASHNAW

Project ID: AE094 SYRACUSE IT

Sampling Date(s): August 26, 2013

Lab Report ID: 13080617

Client Service Contact: Kelly Miller (518) 346-4592 ext. 3844

Analysis Included:

PCB Analysis

PCB Analysis

Test results meet all National Environmental Laboratory Accreditation Conference (NELAC) requirements unless noted in the case narrative. The results contained within this document relate only to the samples included in this report. Pace Analytical is responsible only for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.

A handwritten signature in black ink that reads "Dan Pfalzer".

Dan Pfalzer
Laboratory Director



Certifications: New York (EPA: NY00906, ELAP: 11078), New Jersey (NY026), Connecticut (PH-0337),
Massachusetts (M-NY906), Virginia (1884)

Pace Analytical Services, Inc. | 2190 Technology Drive | Schenectady, NY 12308
Phone: 518.346.4592 | internet: www.pacelabs.com

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CASE NARRATIVE

August 28, 2013

CASE NARRATIVE

This data package (SDG ID: 13080617) consists of 2 water samples and 15 soil samples received on 08/27/2013. The samples are from Project Name: AE094 SYRACUSE IT.

This sample delivery group consists of the following samples:

<u>Lab Sample ID</u>	<u>Client ID</u>	<u>Collection Date</u>
AQ24150	AE094S-IT32-08-26-13	08/26/2013 13:33
AQ24151	AE094S-IT33-08-26-13	08/26/2013 13:51
AQ24152	AE094S-IT34-08-26-13	08/26/2013 14:00
AQ24153	AE094S-IT35-08-26-13	08/26/2013 14:16
AQ24154	AE094S-IT36-08-26-13	08/26/2013 14:27
AQ24155	AE094S-IT37-08-26-13	08/26/2013 14:35
AQ24156	AE094S-IT38-08-26-13	08/26/2013 14:46
AQ24157	AE094S-IT39-08-26-13	08/26/2013 14:56
AQ24158	AE094S-IT40-08-26-13	08/26/2013 15:24
AQ24159	AE094S-IT41-08-26-13	08/26/2013 15:39
AQ24160	AE094S-IT42-08-26-13	08/26/2013 15:46
AQ24161	AE094S-IT43-08-26-13	08/26/2013 16:00
AQ24162	AE094S-IT44-08-26-13	08/26/2013 16:09
AQ24163	AE094S-ITFB1-08-26-13	08/26/2013
AQ24164	AE094S-ITFB2-08-26-13	08/26/2013
AQ24165	AE094S-ITRB1-08-26-13	08/26/2013 13:03
AQ24166	AE094S-ITRB2-08-26-13	08/26/2013 15:14

Sample Delivery and Receipt Conditions

- (1.) All samples were delivered to the laboratory via FEDEX delivery service on 08/27/2013.
- (2.) All samples were received at the laboratory intact and within holding times.
- (3.) The following cooler temperature was recorded at sample receipt (Control limits are between 0-6 Degrees Celsius): 2.4 degrees Celsius. Please see Chain of Custody for details.

PCB Aroclor Analysis

Analysis for PCB Aroclors was performed by method SW-846 8082A. Samples were extracted by USEPA SW-846 Method 3535 Solid Phase Extraction. One-liter water samples were extracted by NEA-PACE SOP NE178_04. The following technical and administrative items were noted for the analysis:

- (1.) All quality assurance parameters were met for the analysis.

PCB Aroclor Analysis

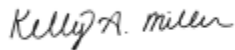
Analysis for PCB Aroclors was performed by method SW-846 8082A. Samples were extracted by Accelerated Solvent Extraction (EPA Method 3545). The following technical and administrative items were noted for the analysis:

(1.) The concentration results for Aroclor 1248 were flagged (AE) to denote that an altered Aroclor pattern was observed. Please see form for details.

(2.) The surrogates DCBP and TCMX were diluted out for several samples (LAB ID: AQ24151, AQ24153, AQ24154, AQ24157, AQ24159, and AQ24163) due to the high concentration of PCB in the samples. Please see associated form for details.

(3.) The surrogates DCBP and TCMX were diluted out for several quality control samples (LAB ID: AQ24160M and AQ24160K) due to the high concentration of PCB in the samples. Please see associated form for details.

Respectfully submitted,

A handwritten signature in cursive script that reads "Kelly A. Miller".

Kelly A. Miller
Project Manager

QUALIFIERS

Organic Laboratory Qualifiers Defined

B - Denotes analyte observed in associated method blank or extraction blank. Analyte concentration should be considered as estimated.

D - Surrogate was diluted. The analysis of the sample required a dilution such that the surrogate concentration was diluted below the laboratory acceptance criteria.

E - Denotes analyte concentration exceeded calibration range of instrument. Sample could not be re-analyzed at secondary dilution due to insufficient sample amount, quick turn-around request, sample matrix interference or hold time excursion. Concentration result should be considered as estimated.

J - Denotes an estimated concentration. The concentration result is greater than or equal to the Method Detection Limit (MDL) but less than the Reporting Limit (RL).

P - Indicates relative percent difference (RPD) between primary and secondary gas chromatograph (GC) column analysis exceeds 40 % or indicates percent difference (PD) between primary and secondary gas chromatograph (GC) column analysis exceeds 25 %.

U - Denotes analyte not detected at concentration greater than or equal to the Reporting Limit (RL). Reporting Limit's (RL) are adjusted for sample weight/volume and dilution factors.

Z - Chromatographic interference due to polychlorinated biphenyl (PCB) co-elution.

* - Value not within control limits.

Inorganic Laboratory Qualifiers Defined

B - Denotes analyte observed in associated method blank or digestion blank. Analyte concentration should be considered as estimated.

E - Denotes analyte concentration exceeded calibration range of instrument. Sample could not be re-analyzed at secondary dilution due to insufficient sample amount, quick turn-around request, sample matrix interference or hold time excursion. Concentration result should be considered as estimated.

J - Denotes an estimated concentration. The concentration result is greater than or equal to the Method Detection Limit (MDL) but less than the Reporting Limit (RL).

U - Denotes analyte not detected at concentration greater than or equal to the Reporting Limit (RL). Reporting Limit's (RL) are adjusted for sample weight/volume and dilution factors.

* - Value not within control limits.

SAMPLE CHAIN OF CUSTODY

<13080617P1>



130806171



ATLANTIC TESTING LABORATORIES

Environmental Chain-Of-Custody Record

7232

Albany
22 Corporate Drive
Clifton Park, NY 12065
518/383-9144 (T)
518/383-9166 (F)

Binghamton
126 Park Avenue
Binghamton, NY 13903
607/773-1812 (T)
607/773-1835 (F)

Canton
6431 U.S. Highway 11
Canton, NY 13617
315/386-4578 (T)
315/386-1012 (F)

Elmira
2330 Route 352
Corning, NY 14903
607/737-0700 (T)
607/737-0714 (F)

Plattsburgh
130 Arizona Ave
Plattsburgh, NY 12903
518/563-5878 (T)
518/562-1321 (F)

Poughkeepsie
251 Upper North Road
Highland, NY 12528
845/691-6098 (T)
845/691-6099 (F)

Rochester
3445 Winton Road
Rochester, NY 14623
585/427-9020 (T)
585/427-9021 (F)

Syracuse
6085 Court Street Road
Syracuse, NY 13206
315/699-5281 (T)
315/699-3374 (F)

Utica
301 St. Anthony Street
Utica, NY 13501
315/735-3309 (T)
315/735-0742 (F)

Watertown
26581 NYS Route 283
Watertown, NY 13601
315/786-7887 (T)
315/786-2022 (F)

Project No.		Client Name		QA/QC Code		Parameters										Report Distribution			
AEO94		RH LAW		<input type="checkbox"/> NYSDEC <input type="checkbox"/> SW-846 <input type="checkbox"/> NYSDOH <input type="checkbox"/> CLP <input type="checkbox"/> Other												Dates Required: 24-hr TAT			
Page 3 of A																Send Report To: cdashraw@atlantictesting.com awamerhof@atlantictesting.com			
Project Contact:		Cheyenne Dashraw		Project Location												Fax Results: X YES <input type="checkbox"/> NO			
Project Name:		Syracuse IT		Syracuse NY												Laboratory Identification No.			
Date	Time	Sample Location		Sample Type	No. of Containers											Field Notes			
8/26/13	13:33	IT32	B-4	GS	1	X										AG24150	AEO94S-IT32-08-26-13		
8/26/13	13:51	IT33	A-3	GS	1	X										AG24151	AEO94S-IT33-08-26-13		
8/26/13	14:00	IT34	A-3	GS	1	X										AG24152	AEO94S-IT34-08-26-13		
8/26/13	14:16	IT35	A-3	GS	1	X										AG24153	AEO94S-IT35-08-26-13		
8/26/13	14:27	IT36	A-3	GS	1	X										AG24154	AEO94S-IT36-08-26-13		
8/26/13	14:35	IT37	B-2	GS	1	X										AG24155	AEO94S-IT37-08-26-13		
8/26/13	14:46	IT38	B-2	GS	1	X										AG24156	AEO94S-IT38-08-26-13		
8/26/13	14:56	IT39	B-2	GS	1	X										AG24157	AEO94S-IT39-08-26-13		
8/26/13	15:24	IT40	B-2	GS	1	X										AG24158	AEO94S-IT40-08-26-13		
8/26/13	15:39	IT41	B-1	GS	1	X										AG24159	AEO94S-IT41-08-26-13		
Samplers Name:		Lynette Vayo		Date:	8/26/13	Received for Name:										Date:		Shipment Rec'd Intact?	
Samplers Signature:		Lynette Vayo		Time:	1630	Laboratory Signature:										Time:		X YES <input type="checkbox"/> NO	
Samples Relinquished By:				Samples Received By:				Sample Type Code Key:				Laboratory Remarks							
Name:	Lynette Vayo	Date:	8/26/13	Name:	Roy Foley	Date:	8/26/13	Description	Matrix	2.4°C									
Signature:	Lynette Vayo	Time:	5:20	Signature:	Roy Foley	Time:	5:20	C Composite	DW Drinking Water										
Name:	Roy Foley	Date:	8/26/13	Name:	Laura Swenhall	Date:	8/26/13	G Grab	GW Groundwater										
Signature:	Roy Foley	Time:	6:00	Signature:	Laura Swenhall	Time:	9:32	Q QA/QC	O Oil										
								O Other	S Soil										
									SL Sludge										
									WW Wastewater										

Think Quality via FedEx

Distribution: White with Samples
Yellow to Laboratory

ENV-001B
drive:Forms\Environmental\OfficeForms\Environmental Chain-Of-Custody Record rev 2: 09/07

<13080617P2>



130806172



ATLANTIC TESTING LABORATORIES

Environmental Chain-Of-Custody Record

7233

Albany 22 Corporate Drive Clifton Park, NY 12065 518/383-9144 (T) 518/383-9166 (F)	Binghamton 126 Park Avenue Binghamton, NY 13903 607/773-1812 (T) 607/773-1835 (F)	Canton 6431 U.S. Highway 11 Canton, NY 13617 315/386-4578 (T) 315/386-1012 (F)	Elmira 2330 Route 352 Corning, NY 14903 607/737-0700 (T) 607/737-0714 (F)	Plattsburgh 130 Arizona Ave Plattsburgh, NY 12903 518/563-5878 (T) 518/562-1321 (F)	Poughkeepsie 251 Upper North Road Highland, NY 12528 845/691-6098 (T) 845/691-6099 (F)	Rochester 3445 Winton Road Rochester, NY 14623 585/427-9020 (T) 585/427-9021 (F)	Syracuse 6085 Court Street Road Syracuse, NY 13206 315/699-5281 (T) 315/699-3374 (F)	Utica 301 St. Anthony Street Utica, NY 13501 315/735-3309 (T) 315/735-0742 (F)	Watertown 26581 NYS Route 283 Watertown, NY 13601 315/786-7887 (T) 315/786-2022 (F)
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Project No.		Client Name		QA/QC Code		Parameters										Report Distribution			
AEO94		RH Law		<input type="checkbox"/> NYSDEC <input type="checkbox"/> SW-846 <input type="checkbox"/> NYSDOH <input type="checkbox"/> CLP <input type="checkbox"/> Other												Dates Required: 24 hr TAT Send Report To: Cdashnaw@atlantictesting.com Fax Results: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
Page 4 of 4		Project Contact: Cheyenne Dashnaw		Project Location: Syracuse, NY												Laboratory Identification No.			
Project Name: Syracuse IT		Sample Location		Sample Type		No. of Containers												Field Notes	
Date	Time	Sample Location		Sample Type		No. of Containers												Field Notes	
8/26/13	15:46	IT42 B-1		GS		①		X										AEO94S-IT42-08-26-13	
8/26/13	—	MS/MSD 2		GS		①		X										AEO94S-MSD2-08-26-13	
8/26/13	16:00	IT43 B-1		GS		1		X										AEO94S-IT43-08-26-13	
8/26/13	16:09	IT44 B-1		GS		1		X										AEO94S-IT44-08-26-13	
8/26/13	—	Field Blank 1		GS		1		X										AEO94S-ITFB1-08-26-13	
8/26/13	—	Field Blank 2		GS		1		X										AEO94S-ITFB2-08-26-13	
8/26/13	1303	Rinsate Blank 1		W		1		X										AEO94S-ITRB1-08-26-13	
8/26/13	1514	Rinsate Blank 2		W		1		X										AEO94S-ITRB2-08-26-13	
Samplers Name: Lynette Vayo		Date: 8/26/13		Received for Name:		Time: 1630		Laboratory Signature:										Shipment Rec'd Intact?	
Samplers Signature: Lynette Vayo		Time: 1630		Laboratory Signature:		Time:												YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
Samples Relinquished By:				Samples Received By:				Sample Type Code Key:				Laboratory Remarks							
Name: Lynette Vayo		Date: 8/26/13		Name: Roy Foley		Date: 8/26/13		Description		Matrix		2.4 °C							
Signature: Lynette Vayo		Time: 1720		Signature: Roy Foley		Time: 520		C Composite		DW Drinking Water									
Name: Roy Foley		Date: 8/26/13		Name: Lacie Swannell		Date: 8/27/13		G Grab		GW Groundwater									
Signature: Roy Foley		Time: 600		Signature: Lacie Swannell		Time: 9132		Q QA/QC		O Oil									
								O Other		S Soil									
										SL Sludge									
										WW Wastewater									

Think Quality via FedEx

Distribution: White with Samples
Yellow to Laboratory

ENV-001B

GC - PCB



Analytical Sample Results

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT32-08-26-13
Lab Sample ID: 13080617-01 (AQ24150)

Collection Date: 08/26/2013 13:33
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 89.8 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-106SW-846 8082 (PCB)		08/28/2013 10:33	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23638	EPA 3545	08/27/2013 11:47	CAP	10.7 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0519	1.00	U	GC20F-1669-106
Aroclor 1221	11104-28-2	ND	0.0519	1.00	U	GC20F-1669-106
Aroclor 1232	11141-16-5	ND	0.0519	1.00	U	GC20F-1669-106
Aroclor 1242	53469-21-9	ND	0.0519	1.00	U	GC20F-1669-106
Aroclor 1248	12672-29-6	0.187	0.0519	1.00	AE	GC20F-1669-106
Aroclor 1254	11097-69-1	ND	0.0519	1.00	U	GC20F-1669-106
Aroclor 1260	11096-82-5	ND	0.0519	1.00	U	GC20F-1669-106
Total PCB Amount > RL	1336-36-3	0.187		1.00		GC20F-1669-106

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	101	60.0-140		GC20F-1669-106
Decachlorobiphenyl	2051-24-3	107	60.0-140		GC20F-1669-106

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT33-08-26-13
Lab Sample ID: 13080617-02 (AQ24151)

Collection Date: 08/26/2013 13:51
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 90.2 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-92	SW-846 8082 (PCB)	08/28/2013 07:37	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23638	EPA 3545	08/27/2013 11:48	CAP	10.2 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	2.17	40.0	U	GC20F-1669-92
Aroclor 1221	11104-28-2	ND	2.17	40.0	U	GC20F-1669-92
Aroclor 1232	11141-16-5	ND	2.17	40.0	U	GC20F-1669-92
Aroclor 1242	53469-21-9	ND	2.17	40.0	U	GC20F-1669-92
Aroclor 1248	12672-29-6	73.9	2.17	40.0	AE	GC20F-1669-92
Aroclor 1254	11097-69-1	ND	2.17	40.0	U	GC20F-1669-92
Aroclor 1260	11096-82-5	ND	2.17	40.0	U	GC20F-1669-92
Total PCB Amount > RL	1336-36-3	73.9		40.0		GC20F-1669-92

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	83.4	60.0-140	D	GC20F-1669-92
Decachlorobiphenyl	2051-24-3	0.00	60.0-140	D	GC20F-1669-92

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT34-08-26-13
Lab Sample ID: 13080617-03 (AQ24152)

Collection Date: 08/26/2013 14:00
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 91.9 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-93	SW-846 8082 (PCB)	08/28/2013 07:49	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23638	EPA 3545	08/27/2013 11:49	CAP	10.4 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.157	3.00	U	GC20F-1669-93
Aroclor 1221	11104-28-2	ND	0.157	3.00	U	GC20F-1669-93
Aroclor 1232	11141-16-5	ND	0.157	3.00	U	GC20F-1669-93
Aroclor 1242	53469-21-9	ND	0.157	3.00	U	GC20F-1669-93
Aroclor 1248	12672-29-6	2.42	0.157	3.00	AE	GC20F-1669-93
Aroclor 1254	11097-69-1	ND	0.157	3.00	U	GC20F-1669-93
Aroclor 1260	11096-82-5	ND	0.157	3.00	U	GC20F-1669-93
Total PCB Amount > RL	1336-36-3	2.42		3.00		GC20F-1669-93

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	110	60.0-140		GC20F-1669-93
Decachlorobiphenyl	2051-24-3	110	60.0-140		GC20F-1669-93

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT35-08-26-13
Lab Sample ID: 13080617-04 (AQ24153)

Collection Date: 08/26/2013 14:16
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 90.7 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-94	SW-846 8082 (PCB)	08/28/2013 08:02	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23638	EPA 3545	08/27/2013 11:50	CAP	10.6 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	1.56	30.0	U	GC20F-1669-94
Aroclor 1221	11104-28-2	ND	1.56	30.0	U	GC20F-1669-94
Aroclor 1232	11141-16-5	ND	1.56	30.0	U	GC20F-1669-94
Aroclor 1242	53469-21-9	ND	1.56	30.0	U	GC20F-1669-94
Aroclor 1248	12672-29-6	47.0	1.56	30.0	AE	GC20F-1669-94
Aroclor 1254	11097-69-1	ND	1.56	30.0	U	GC20F-1669-94
Aroclor 1260	11096-82-5	ND	1.56	30.0	U	GC20F-1669-94
Total PCB Amount > RL	1336-36-3	47.0		30.0		GC20F-1669-94

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	127	60.0-140	D	GC20F-1669-94
Decachlorobiphenyl	2051-24-3	0.00	60.0-140	D	GC20F-1669-94

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT36-08-26-13
Lab Sample ID: 13080617-05 (AQ24154)

Collection Date: 08/26/2013 14:27
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 88.4 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-95	SW-846 8082 (PCB)	08/28/2013 08:14	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23638	EPA 3545	08/27/2013 11:51	CAP	10.6 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	5.34	100	U	GC20F-1669-95
Aroclor 1221	11104-28-2	ND	5.34	100	U	GC20F-1669-95
Aroclor 1232	11141-16-5	ND	5.34	100	U	GC20F-1669-95
Aroclor 1242	53469-21-9	ND	5.34	100	U	GC20F-1669-95
Aroclor 1248	12672-29-6	103	5.34	100	AE	GC20F-1669-95
Aroclor 1254	11097-69-1	ND	5.34	100	U	GC20F-1669-95
Aroclor 1260	11096-82-5	ND	5.34	100	U	GC20F-1669-95
Total PCB Amount > RL	1336-36-3	103		100		GC20F-1669-95

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	119	60.0-140	D	GC20F-1669-95
Decachlorobiphenyl	2051-24-3	0.00	60.0-140	D	GC20F-1669-95

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT37-08-26-13
Lab Sample ID: 13080617-06 (AQ24155)

Collection Date: 08/26/2013 14:35
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 89.1 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-96	SW-846 8082 (PCB)	08/28/2013 08:27	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23638	EPA 3545	08/27/2013 11:52	CAP	10.0 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0560	1.00	U	GC20F-1669-96
Aroclor 1221	11104-28-2	ND	0.0560	1.00	U	GC20F-1669-96
Aroclor 1232	11141-16-5	ND	0.0560	1.00	U	GC20F-1669-96
Aroclor 1242	53469-21-9	ND	0.0560	1.00	U	GC20F-1669-96
Aroclor 1248	12672-29-6	1.12	0.0560	1.00	AE	GC20F-1669-96
Aroclor 1254	11097-69-1	ND	0.0560	1.00	U	GC20F-1669-96
Aroclor 1260	11096-82-5	ND	0.0560	1.00	U	GC20F-1669-96
Total PCB Amount > RL	1336-36-3	1.12		1.00		GC20F-1669-96

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	101	60.0-140		GC20F-1669-96
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC20F-1669-96

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT38-08-26-13
Lab Sample ID: 13080617-07 (AQ24156)

Collection Date: 08/26/2013 14:46
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 91.5 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-97	SW-846 8082 (PCB)	08/28/2013 08:40	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23638	EPA 3545	08/27/2013 16:03	CAP	10.2 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0538	1.00	U	GC20F-1669-97
Aroclor 1221	11104-28-2	ND	0.0538	1.00	U	GC20F-1669-97
Aroclor 1232	11141-16-5	ND	0.0538	1.00	U	GC20F-1669-97
Aroclor 1242	53469-21-9	ND	0.0538	1.00	U	GC20F-1669-97
Aroclor 1248	12672-29-6	1.31	0.0538	1.00	AE	GC20F-1669-97
Aroclor 1254	11097-69-1	ND	0.0538	1.00	U	GC20F-1669-97
Aroclor 1260	11096-82-5	ND	0.0538	1.00	U	GC20F-1669-97
Total PCB Amount > RL	1336-36-3	1.31		1.00		GC20F-1669-97

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	105	60.0-140		GC20F-1669-97
Decachlorobiphenyl	2051-24-3	110	60.0-140		GC20F-1669-97

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT39-08-26-13
Lab Sample ID: 13080617-08 (AQ24157)

Collection Date: 08/26/2013 14:56
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 89.3 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-99	SW-846 8082 (PCB)	08/28/2013 09:05	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23638	EPA 3545	08/27/2013 11:54	CAP	10.7 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	1.05	20.0	U	GC20F-1669-99
Aroclor 1221	11104-28-2	ND	1.05	20.0	U	GC20F-1669-99
Aroclor 1232	11141-16-5	ND	1.05	20.0	U	GC20F-1669-99
Aroclor 1242	53469-21-9	ND	1.05	20.0	U	GC20F-1669-99
Aroclor 1248	12672-29-6	14.5	1.05	20.0	AE	GC20F-1669-99
Aroclor 1254	11097-69-1	ND	1.05	20.0	U	GC20F-1669-99
Aroclor 1260	11096-82-5	ND	1.05	20.0	U	GC20F-1669-99
Total PCB Amount > RL	1336-36-3	14.5		20.0		GC20F-1669-99

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	88.5	60.0-140	D	GC20F-1669-99
Decachlorobiphenyl	2051-24-3	15.7	60.0-140	D	GC20F-1669-99

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT40-08-26-13
Lab Sample ID: 13080617-09 (AQ24158)

Collection Date: 08/26/2013 15:24
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 88.8 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-100SW-846 8082 (PCB)		08/28/2013 09:17	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23638	EPA 3545	08/27/2013 11:55	CAP	10.8 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0520	1.00	U	GC20F-1669-100
Aroclor 1221	11104-28-2	ND	0.0520	1.00	U	GC20F-1669-100
Aroclor 1232	11141-16-5	ND	0.0520	1.00	U	GC20F-1669-100
Aroclor 1242	53469-21-9	ND	0.0520	1.00	U	GC20F-1669-100
Aroclor 1248	12672-29-6	0.105	0.0520	1.00	AE	GC20F-1669-100
Aroclor 1254	11097-69-1	ND	0.0520	1.00	U	GC20F-1669-100
Aroclor 1260	11096-82-5	ND	0.0520	1.00	U	GC20F-1669-100
Total PCB Amount > RL	1336-36-3	0.105		1.00		GC20F-1669-100

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	97.7	60.0-140		GC20F-1669-100
Decachlorobiphenyl	2051-24-3	106	60.0-140		GC20F-1669-100

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT41-08-26-13
Lab Sample ID: 13080617-10 (AQ24159)

Collection Date: 08/26/2013 15:39
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 89.5 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-101SW-846 8082 (PCB)		08/28/2013 09:30	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23638	EPA 3545	08/27/2013 11:56	CAP	10.5 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.373	7.00	U	GC20F-1669-101
Aroclor 1221	11104-28-2	ND	0.373	7.00	U	GC20F-1669-101
Aroclor 1232	11141-16-5	ND	0.373	7.00	U	GC20F-1669-101
Aroclor 1242	53469-21-9	ND	0.373	7.00	U	GC20F-1669-101
Aroclor 1248	12672-29-6	7.44	0.373	7.00	AE	GC20F-1669-101
Aroclor 1254	11097-69-1	ND	0.373	7.00	U	GC20F-1669-101
Aroclor 1260	11096-82-5	ND	0.373	7.00	U	GC20F-1669-101
Total PCB Amount > RL	1336-36-3	7.44		7.00		GC20F-1669-101

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	87.2	60.0-140	D	GC20F-1669-101
Decachlorobiphenyl	2051-24-3	82.6	60.0-140	D	GC20F-1669-101

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT42-08-26-13
Lab Sample ID: 13080617-11 (AQ24160)

Collection Date: 08/26/2013 15:46
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 84.4 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1670-3	SW-846 8082 (PCB)	08/28/2013 11:23	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23652	EPA 3545	08/27/2013 22:20	LMB	10.1 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0588	1.00	U	GC20F-1670-3
Aroclor 1221	11104-28-2	ND	0.0588	1.00	U	GC20F-1670-3
Aroclor 1232	11141-16-5	ND	0.0588	1.00	U	GC20F-1670-3
Aroclor 1242	53469-21-9	ND	0.0588	1.00	U	GC20F-1670-3
Aroclor 1248	12672-29-6	1.63	0.0588	1.00	AE	GC20F-1670-3
Aroclor 1254	11097-69-1	ND	0.0588	1.00	U	GC20F-1670-3
Aroclor 1260	11096-82-5	ND	0.0588	1.00	U	GC20F-1670-3
Total PCB Amount > RL	1336-36-3	1.63		1.00		GC20F-1670-3

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	105	60.0-140		GC20F-1670-3
Decachlorobiphenyl	2051-24-3	108	60.0-140		GC20F-1670-3

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT43-08-26-13
Lab Sample ID: 13080617-12 (AQ24161)

Collection Date: 08/26/2013 16:00
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 91.7 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-102SW-846 8082 (PCB)		08/28/2013 09:43	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23638	EPA 3545	08/27/2013 12:00	CAP	10.0 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.109	2.00	U	GC20F-1669-102
Aroclor 1221	11104-28-2	ND	0.109	2.00	U	GC20F-1669-102
Aroclor 1232	11141-16-5	ND	0.109	2.00	U	GC20F-1669-102
Aroclor 1242	53469-21-9	ND	0.109	2.00	U	GC20F-1669-102
Aroclor 1248	12672-29-6	2.33	0.109	2.00	AE	GC20F-1669-102
Aroclor 1254	11097-69-1	ND	0.109	2.00	U	GC20F-1669-102
Aroclor 1260	11096-82-5	ND	0.109	2.00	U	GC20F-1669-102
Total PCB Amount > RL	1336-36-3	2.33		2.00		GC20F-1669-102

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	98.9	60.0-140		GC20F-1669-102
Decachlorobiphenyl	2051-24-3	104	60.0-140		GC20F-1669-102

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT44-08-26-13
Lab Sample ID: 13080617-13 (AQ24162)

Collection Date: 08/26/2013 16:09
Sample Matrix: SOIL
Received Date: 08/27/2013 09:32
Percent Solid: 90.0 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-103SW-846 8082 (PCB)		08/28/2013 09:55	JES	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23638	EPA 3545	08/27/2013 12:00	CAP	10.6 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.105	2.00	U	GC20F-1669-103
Aroclor 1221	11104-28-2	ND	0.105	2.00	U	GC20F-1669-103
Aroclor 1232	11141-16-5	ND	0.105	2.00	U	GC20F-1669-103
Aroclor 1242	53469-21-9	ND	0.105	2.00	U	GC20F-1669-103
Aroclor 1248	12672-29-6	1.92	0.105	2.00	AE	GC20F-1669-103
Aroclor 1254	11097-69-1	ND	0.105	2.00	U	GC20F-1669-103
Aroclor 1260	11096-82-5	ND	0.105	2.00	U	GC20F-1669-103
Total PCB Amount > RL	1336-36-3	1.92		2.00		GC20F-1669-103

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	99.2	60.0-140		GC20F-1669-103
Decachlorobiphenyl	2051-24-3	111	60.0-140		GC20F-1669-103

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD

Project: AE094 SYRACUSE IT

Client Sample ID: AE094S-ITFB1-08-26-13

Lab Sample ID: 13080617-14 (AQ24163)

Collection Date: 08/26/2013

Sample Matrix: SOIL

Received Date: 08/27/2013 09:32

Percent Solid: 87.0 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-104SW-846 8082 (PCB)		08/28/2013 10:08	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23638	EPA 3545	08/27/2013 12:02	CAP	10.5 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	3.83	70.0	U	GC20F-1669-104
Aroclor 1221	11104-28-2	ND	3.83	70.0	U	GC20F-1669-104
Aroclor 1232	11141-16-5	ND	3.83	70.0	U	GC20F-1669-104
Aroclor 1242	53469-21-9	ND	3.83	70.0	U	GC20F-1669-104
Aroclor 1248	12672-29-6	118	3.83	70.0	AE	GC20F-1669-104
Aroclor 1254	11097-69-1	ND	3.83	70.0	U	GC20F-1669-104
Aroclor 1260	11096-82-5	ND	3.83	70.0	U	GC20F-1669-104
Total PCB Amount > RL	1336-36-3	118		70.0		GC20F-1669-104

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	8.60	60.0-140	D	GC20F-1669-104
Decachlorobiphenyl	2051-24-3	0.00	60.0-140	D	GC20F-1669-104

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD

Project: AE094 SYRACUSE IT

Client Sample ID: AE094S-ITFB2-08-26-13

Lab Sample ID: 13080617-15 (AQ24164)

Collection Date: 08/26/2013

Sample Matrix: SOIL

Received Date: 08/27/2013 09:32

Percent Solid: 89.0 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-105SW-846 8082 (PCB)		08/28/2013 10:20	JES	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23638	EPA 3545	08/27/2013 12:03	CAP	10.3 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.164	3.00	U	GC20F-1669-105
Aroclor 1221	11104-28-2	ND	0.164	3.00	U	GC20F-1669-105
Aroclor 1232	11141-16-5	ND	0.164	3.00	U	GC20F-1669-105
Aroclor 1242	53469-21-9	ND	0.164	3.00	U	GC20F-1669-105
Aroclor 1248	12672-29-6	5.34	0.164	3.00	AE	GC20F-1669-105
Aroclor 1254	11097-69-1	ND	0.164	3.00	U	GC20F-1669-105
Aroclor 1260	11096-82-5	ND	0.164	3.00	U	GC20F-1669-105
Total PCB Amount > RL	1336-36-3	5.34		3.00		GC20F-1669-105

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	99.3	60.0-140		GC20F-1669-105
Decachlorobiphenyl	2051-24-3	117	60.0-140		GC20F-1669-105

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



Analytical Sample Results

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-ITRB1-08-26-13
Lab Sample ID: 13080617-16 (AQ24165)

Collection Date: 08/26/2013 13:03
Sample Matrix: WATER
Received Date: 08/27/2013 09:32
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC23F-1314-17	SW-846 Method 8082	08/27/2013 19:55	MCA	NA	NA	Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	23640	EPA 3535	08/27/2013 12:00	EPC	1070 mL	10.0 mL	NA

Analyte	CAS No.	Result (ug/L)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0500	1.00	U	GC23F-1314-17
Aroclor 1221	11104-28-2	ND	0.0500	1.00	U	GC23F-1314-17
Aroclor 1232	11141-16-5	ND	0.0500	1.00	U	GC23F-1314-17
Aroclor 1242	53469-21-9	ND	0.0500	1.00	U	GC23F-1314-17
Aroclor 1248	12672-29-6	ND	0.0500	1.00	U	GC23F-1314-17
Aroclor 1254	11097-69-1	ND	0.0500	1.00	U	GC23F-1314-17
Aroclor 1260	11096-82-5	ND	0.0500	1.00	U	GC23F-1314-17
Total PCB Amount	1336-36-3	ND		1.00	U	GC23F-1314-17

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	89.8	60.0-140		GC23F-1314-17
Decachlorobiphenyl	2051-24-3	105	60.0-140		GC23F-1314-17

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



Analytical Sample Results

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-ITRB2-08-26-13
Lab Sample ID: 13080617-17 (AQ24166)

Collection Date: 08/26/2013 15:14
Sample Matrix: WATER
Received Date: 08/27/2013 09:32
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC23F-1314-18	SW-846 Method 8082	08/27/2013 20:28	MCA	NA	NA	Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	23640	EPA 3535	08/27/2013 12:00	EPC	1050 mL	10.0 mL	NA

Analyte	CAS No.	Result (ug/L)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0500	1.00	U	GC23F-1314-18
Aroclor 1221	11104-28-2	ND	0.0500	1.00	U	GC23F-1314-18
Aroclor 1232	11141-16-5	ND	0.0500	1.00	U	GC23F-1314-18
Aroclor 1242	53469-21-9	ND	0.0500	1.00	U	GC23F-1314-18
Aroclor 1248	12672-29-6	ND	0.0500	1.00	U	GC23F-1314-18
Aroclor 1254	11097-69-1	ND	0.0500	1.00	U	GC23F-1314-18
Aroclor 1260	11096-82-5	ND	0.0500	1.00	U	GC23F-1314-18
Total PCB Amount	1336-36-3	ND		1.00	U	GC23F-1314-18

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	89.8	60.0-140		GC23F-1314-18
Decachlorobiphenyl	2051-24-3	108	60.0-140		GC23F-1314-18

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

Quality Control Samples (Field)



**Quality Control Results
Matrix Spike Sample (MS)**

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT42-08-26-13 MS
Lab Sample ID: 13080617-11M (AQ24160M)

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: 84.4 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1670-4	SW-846 8082 (PCB)	08/28/2013 11:36	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23652	EPA 3545	08/27/2013 22:21	LMB	10.1 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.586	10.0	U	GC20F-1670-4
Aroclor 1221	11104-28-2	13.2	0.586	10.0		GC20F-1670-4
Aroclor 1232	11141-16-5	ND	0.586	10.0	U	GC20F-1670-4
Aroclor 1242	53469-21-9	ND	0.586	10.0	U	GC20F-1670-4
Aroclor 1248	12672-29-6	2.35	0.586	10.0	AE	GC20F-1670-4
Aroclor 1254	11097-69-1	ND	0.586	10.0	U	GC20F-1670-4
Aroclor 1260	11096-82-5	ND	0.586	10.0	U	GC20F-1670-4
Total PCB Amount > RL	1336-36-3	15.55		10.0		GC20F-1670-4

Analyte Spiked	CAS No.	Sample (ug/g)	Added (ug/g)	MS (ug/g)	MS % Rec.	Q ¹	Limits (%)
Aroclor 1221	11104-28-2		11.7	13.2	113		70.0-130

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	109	60.0-140	D	GC20F-1670-4
Decachlorobiphenyl	2051-24-3	81.8	60.0-140	D	GC20F-1670-4

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.



**Quality Control Results
Matrix Spike Duplicate (MSD)**

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: AE094S-IT42-08-26-13 MSD
Lab Sample ID: 13080617-11K (AQ24160K)

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: 84.4 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1670-5	SW-846 8082 (PCB)	08/28/2013 11:48	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23652	EPA 3545	08/27/2013 22:21	LMB	10.3 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.575	10.0	U	GC20F-1670-5
Aroclor 1221	11104-28-2	13.6	0.575	10.0		GC20F-1670-5
Aroclor 1232	11141-16-5	ND	0.575	10.0	U	GC20F-1670-5
Aroclor 1242	53469-21-9	ND	0.575	10.0	U	GC20F-1670-5
Aroclor 1248	12672-29-6	3.34	0.575	10.0	AE	GC20F-1670-5
Aroclor 1254	11097-69-1	ND	0.575	10.0	U	GC20F-1670-5
Aroclor 1260	11096-82-5	ND	0.575	10.0	U	GC20F-1670-5
Total PCB Amount > RL	1336-36-3	16.94		10.0		GC20F-1670-5

Analyte Spiked	CAS No.	Sample (ug/g)	Added (ug/g)	MSD (ug/g)	MSD % Rec.	Q ¹	Limits (%)	Precision			
								MS % Rec.	RPD	Q ¹	Limits (%)
Aroclor 1221	11104-28-2		11.5	13.6	118		70.0-130	113	4.33		20

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	120	60.0-140	D	GC20F-1670-5
Decachlorobiphenyl	2051-24-3	97.2	60.0-140	D	GC20F-1670-5

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

AE-Aroclor 1248 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

Quality Control Samples (Lab)



Quality Control Results Method Blank

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: Method Blank (AQ24150B)
Lab Sample ID: PBLK-81

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-89	SW-846 8082 (PCB)	08/28/2013 06:59	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23638	EPA 3545	08/27/2013 11:46	CAP	10.9 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0500	1.00	U	GC20F-1669-89
Aroclor 1221	11104-28-2	ND	0.0500	1.00	U	GC20F-1669-89
Aroclor 1232	11141-16-5	ND	0.0500	1.00	U	GC20F-1669-89
Aroclor 1242	53469-21-9	ND	0.0500	1.00	U	GC20F-1669-89
Aroclor 1248	12672-29-6	ND	0.0500	1.00	U	GC20F-1669-89
Aroclor 1254	11097-69-1	ND	0.0500	1.00	U	GC20F-1669-89
Aroclor 1260	11096-82-5	ND	0.0500	1.00	U	GC20F-1669-89
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC20F-1669-89

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	99.5	60.0-140		GC20F-1669-89
Decachlorobiphenyl	2051-24-3	113	60.0-140		GC20F-1669-89

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



**Quality Control Results
Lab Control Sample (LCS)**

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: Lab Control Sample (AQ24150L)
Lab Sample ID: LCS-81

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1669-90	SW-846 8082 (PCB)	08/28/2013 07:12	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23638	EPA 3545	08/27/2013 11:47	CAP	10.8 g	25.0 mL	NA

Analyte Spiked	CAS No.	Added (ug/g)	LCS (ug/g)	LCS % Rec.	Q ¹	Limits (%)
Aroclor 1221	11104-28-2	1.15	1.14	99.2		70.0-130

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	100	60.0-140		GC20F-1669-90
Decachlorobiphenyl	2051-24-3	117	60.0-140		GC20F-1669-90

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



Quality Control Results **Method Blank**

Job Number: 13080617

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: Method Blank (AQ24160B)
Lab Sample ID: PBLK-92

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1670-1	SW-846 8082 (PCB)	08/28/2013 10:58	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23652	EPA 3545	08/27/2013 22:19	LMB	10.1 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0500	1.00	U	GC20F-1670-1
Aroclor 1221	11104-28-2	ND	0.0500	1.00	U	GC20F-1670-1
Aroclor 1232	11141-16-5	ND	0.0500	1.00	U	GC20F-1670-1
Aroclor 1242	53469-21-9	ND	0.0500	1.00	U	GC20F-1670-1
Aroclor 1248	12672-29-6	ND	0.0500	1.00	U	GC20F-1670-1
Aroclor 1254	11097-69-1	ND	0.0500	1.00	U	GC20F-1670-1
Aroclor 1260	11096-82-5	ND	0.0500	1.00	U	GC20F-1670-1
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC20F-1670-1

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	104	60.0-140		GC20F-1670-1
Decachlorobiphenyl	2051-24-3	116	60.0-140		GC20F-1670-1

¹Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.

PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



**Quality Control Results
Lab Control Sample (LCS)**

Job Number: 13080617

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2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: Lab Control Sample (AQ24160L)
Lab Sample ID: LCS-92

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1670-2	SW-846 8082 (PCB)	08/28/2013 11:11	TEH	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	23652	EPA 3545	08/27/2013 22:19	LMB	10.4 g	25.0 mL	NA

Analyte Spiked	CAS No.	Added (ug/g)	LCS (ug/g)	LCS % Rec.	Q ¹	Limits (%)
Aroclor 1221	11104-28-2	1.20	1.19	99.5		70.0-130

¹Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	105	60.0-140		GC20F-1670-2
Decachlorobiphenyl	2051-24-3	122	60.0-140		GC20F-1670-2

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**Quality Control Results
Method Blank**

Job Number: 13080617

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Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: Method Blank (AQ24165B)
Lab Sample ID: PBLK-83

Collection Date: N/A
Sample Matrix: WATER
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC23F-1314-15	SW-846 Method 8082	08/27/2013 18:50	MCA	NA	NA	Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	23640	EPA 3535	08/27/2013 12:00	EPC	1000 mL	10.0 mL	NA

Analyte	CAS No.	Result (ug/L)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0500	1.00	U	GC23F-1314-15
Aroclor 1221	11104-28-2	ND	0.0500	1.00	U	GC23F-1314-15
Aroclor 1232	11141-16-5	ND	0.0500	1.00	U	GC23F-1314-15
Aroclor 1242	53469-21-9	ND	0.0500	1.00	U	GC23F-1314-15
Aroclor 1248	12672-29-6	ND	0.0500	1.00	U	GC23F-1314-15
Aroclor 1254	11097-69-1	ND	0.0500	1.00	U	GC23F-1314-15
Aroclor 1260	11096-82-5	ND	0.0500	1.00	U	GC23F-1314-15
Total PCB Amount	1336-36-3	ND		1.00	U	GC23F-1314-15

Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	88.5	60.0-140		GC23F-1314-15
Decachlorobiphenyl	2051-24-3	109	60.0-140		GC23F-1314-15

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PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.



**Quality Control Results
Lab Control Sample (LCS)**

Job Number: 13080617

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Client: ATLANTIC TESTING LABORATORIES, LTD
Project: AE094 SYRACUSE IT
Client Sample ID: Lab Control Sample (AQ24165L)
Lab Sample ID: LCS-83

Collection Date: N/A
Sample Matrix: WATER
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC23F-1314-16	SW-846 Method 8082	08/27/2013 19:22	MCA	NA	NA	Agilent, J&W DB-1, 30 m, 0.25 mm ID, 0.25 µm
Prep 1:	23640	EPA 3535	08/27/2013 12:00	EPC	1000 mL	10.0 mL	NA

Analyte Spiked	CAS No.	Added (ug/L)	LCS (ug/L)	LCS % Rec.	Q ¹	Limits (%)
Aroclor 1248	12672-29-6	0.500	0.504	101		70.0-130

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Surrogate	CAS No.	% Recovery	Limits (%)	Q ¹	File ID
Tetrachloro-meta-xylene	877-09-8	89.7	60.0-140		GC23F-1314-16
Decachlorobiphenyl	2051-24-3	109	60.0-140		GC23F-1314-16

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